

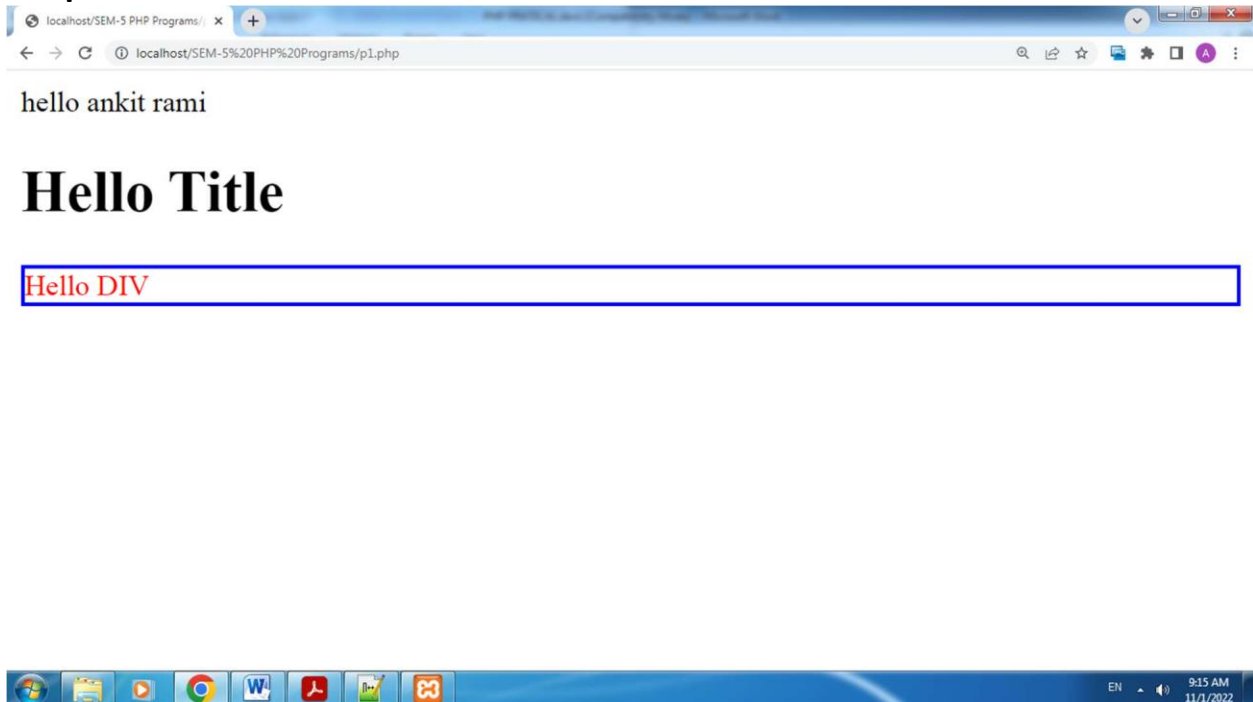


PHP PRACTICAL FOR STUDENTS

1. Write PHP script to display to display "My First PHP Script" Message.

```
<style>
div{
    color:red;
    border:2px blue solid;
}
</style>
<?php
    echo("hello ankit rami");
    echo("<h1>Hello Title</h1>");
    echo("<div>Hello DIV</div>");
    echo("<script type='text/javascript'>
    alert('hello');
    </script>");
?>
```

Output:-





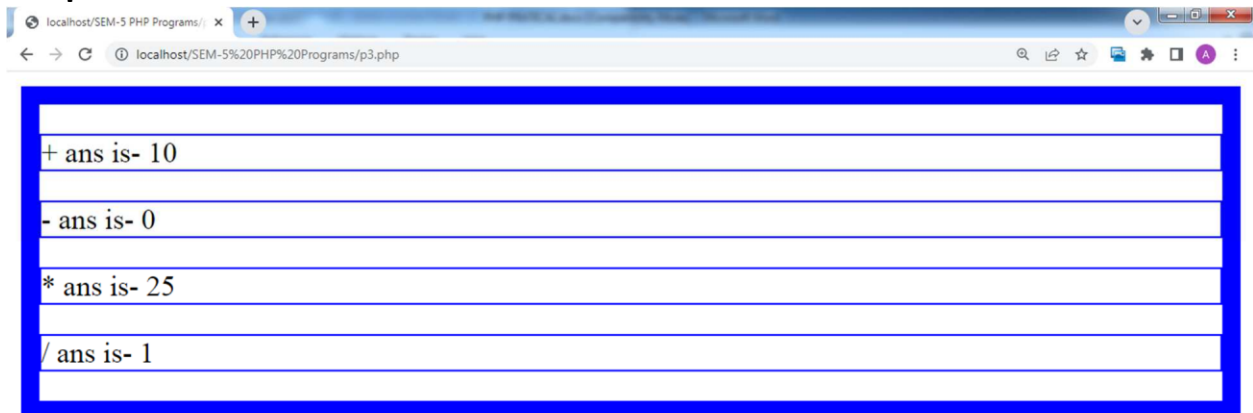
PHP PRACTICAL FOR STUDENTS

2. Write PHP script to perform arithmetic operations.

```
<style>
p{
    border:1px solid blue;
}
</style>
<div style="border:10px solid blue;">
<?php
$a=5;
$b=5;

echo("<p>+ ans is- ".$a+$b."</p>");
echo("<p>- ans is- ".$a-$b."</p>");
echo("<p>* ans is- ".$a*$b."</p>");
echo("<p>/ ans is- ".$a/$b."</p>");
?>
</div>
```

Output:-





PHP PRACTICAL FOR STUDENTS

3. Write PHP script to demonstrate constant.

```
<?php
define("AR", "Welcome to Ankit Rami PHP Script Zone");
define("CJP", "Welcome to CJPCCS");
echo AR;
echo("</br>");
echo CJP;
?>
```

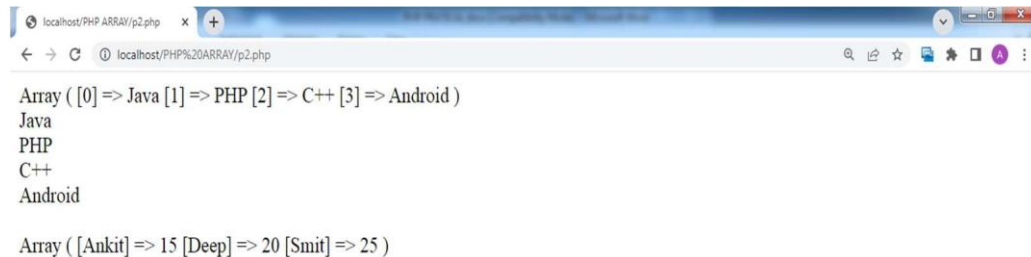
Output:-



4. Write PHP Script to demonstrate the use of indexed array and associative array.

```
<?php
//Index array
$sub = array("Java", "PHP", "C++","Android");
print_r($sub);
echo " <br>";
foreach( $sub as $s )
echo "$s <br />";
echo("</br>");
//Associative Arrays
$dob = array("Ankit"=>15, "Deep"=>20, "Smit"=>25);
print_r($dob);//print full array
?>
```

Output:-



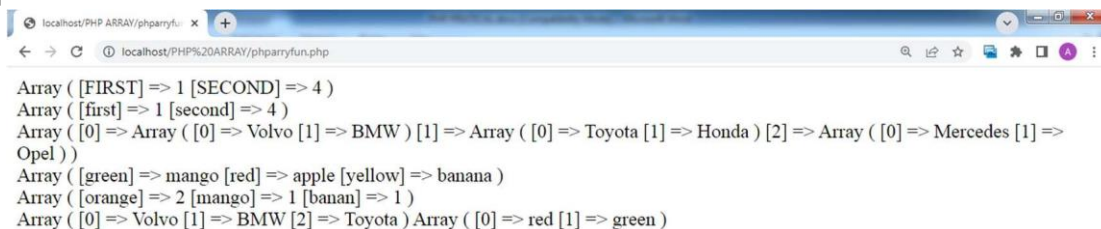


PHP PRACTICAL FOR STUDENTS

5. Write PHP script to demonstrate the use of array functions.

```
<?php
//array_change_key_case( )
$input = array("FirSt" => 1, "SecOnd" => 4);
print_r(array_change_key_case($input, CASE_UPPER));
echo("</br>");
print_r(array_change_key_case($input, CASE_LOWER));
echo("</br>");
//array_chunk( )
$cars=array("Volvo","BMW","Toyota","Honda","Mercedes","Opel");
print_r(array_chunk($cars,2));
echo("</br>");
//array_combine( )
$a = array('green', 'red', 'yellow');
$b = array('mango', 'apple', 'banana');
$c = array_combine($a, $b);
print_r($c);
echo("</br>");
//array_count_values( )
$fd=array("orange","mango","banan","orange");
print_r(array_count_values($fd));
//array_keys( )
echo("</br>");
$ak=array("Volvo"=>"XC90","BMW"=>"X5","Toyota"=>"Highlander");
print_r(array_keys($ak));
//array_pop() Function Deletes the last element of an array
$ap=array("red","green","blue");
array_pop($ap);
print_r($ap);
?>
```

Output:-



```
Array ( [FIRST] => 1 [SECOND] => 4 )
Array ( [first] => 1 [second] => 4 )
Array ( [0] => Array ( [0] => Volvo [1] => BMW ) [1] => Array ( [0] => Toyota [1] => Honda ) [2] => Array ( [0] => Mercedes [1] => Opel ) )
Array ( [green] => mango [red] => apple [yellow] => banana )
Array ( [orange] => 2 [mango] => 1 [banan] => 1 )
Array ( [0] => Volvo [1] => BMW [2] => Toyota ) Array ( [0] => red [1] => green )
```



PHP PRACTICAL FOR STUDENTS

6. Write PHP script to demonstrate the use of string function.

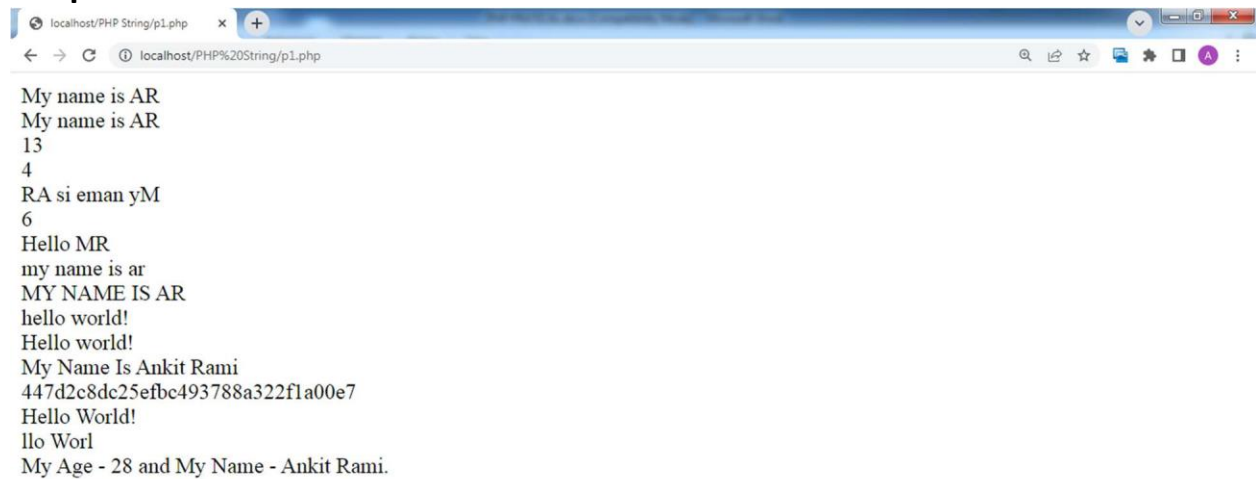
```
<?php
//A string is a sequence of characters, like "Hello world!".
$txt="My name is AR";
echo($txt);
echo("</br>");
print "My name is AR";
echo("</br>");
echo strlen($txt);//find string length
echo("</br>");
echo str_word_count($txt);//Count Words in a String
echo("</br>");
echo strrev($txt);//Reverse a String
echo("</br>");
echo strpos("Hello AR", "AR");//Search For a Text Within a String
echo("</br>");
echo str_replace("AR", "MR", "Hello AR");// Replace Text Within a String
echo("</br>");
echo strtolower($txt);//converts a string to Lower Case
echo("</br>");
echo strtoupper($txt);//converts a string to Upper Case
echo("</br>");
echo lcfirst("Hello world!");//Convert the first character of "Hello" to
lowercase:
echo("</br>");
echo ucfirst("hello world!");//Convert the first character of "hello" to
uppercase:
echo("</br>");
echo ucwords("my name is ankit rami");//Convert the first character of
each word to uppercase:
echo("</br>");
//*****
$a="ankit";
echo md5($a);//The md5() function uses the RSA Data Security, Inc. MD5
Message-Digest Algorithm.
echo("</br>");
//*****
```



PHP PRACTICAL FOR STUDENTS

```
$b = "Hello World!";
echo $b;
echo("</br>");
echo trim($b,"Hed!");//Remove characters from both sides of a string
echo("</br>");
//*****
$number = 28;
$str = "Ankit Rami";
printf("My Age - %u and My Name - %s.", $number, $str);
?>
```

Output:-



7. Write PHP script to demonstrate the use of constructor and destructor.

```
<?php
class bs
{
    Public $name;
    public $age;
    function __construct($name,$age)
    {
        $this -> name = $name;
        $this->age=$age;
    }
    function __destruct()
    {
        echo ($this -> name." </BR> ".$this -> age);
    }
}
```



PHP PRACTICAL FOR STUDENTS

```
$a = new bs("Ankit Rami","23");  
?>
```

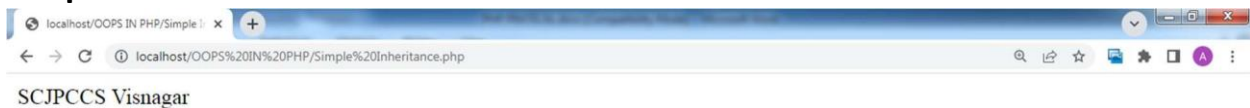
Output:-



8. Write PHP script to implement the concept of inheritance.

```
<?php  
    class a  
    {  
        function f1()  
        {  
            echo "SCJPCCS ";  
        }  
    }  
    class b extends a  
    {  
        function f2()  
        {  
            echo "Visnagar";  
        }  
    }  
    $obj= new b();  
    $obj->f1();  
    $obj->f2();  
?>
```

Output:-



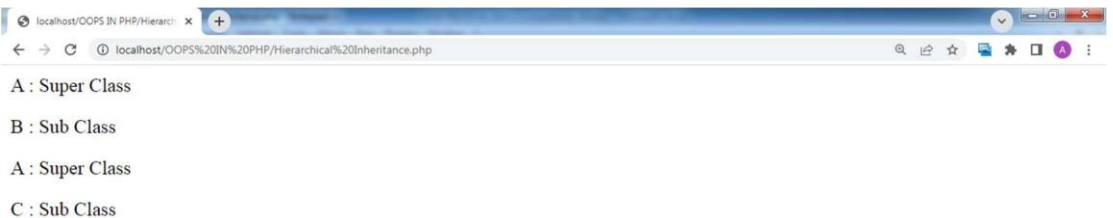


PHP PRACTICAL FOR STUDENTS

8. Write PHP script to implement the concept of inheritance.

```
<?php
class A
{
    function showA( )
    {
        echo "A : Super Class <p> ";
    }
}
class B extends A
{
    function showB()
    {
        echo "B : Sub Class <p>";
    }
}
class C extends A
{
    function showC()
    {
        echo "C : Sub Class";
    }
}
$b1 = new B();
$b1->showA();
$b1->showB();
$c1 = new C();
$c1->showA();
$c1->showC();
?>
```

Output:-





PHP PRACTICAL FOR STUDENTS

9. Write PHP script to create a simple student registration form.

```
<form action="" method="post">
FULL Name-</br>
<input type="text" name="t1" placeholder="Ex-Ankit Rami"></br>
Email-</br>
<input type="email" name="t2" placeholder="Ex-
arinfoway@gmail.com"></br>
Mobile No-</br>
<input type="number" name="t3" placeholder="Ex- 8460467193"></br>
DOB-</br>
<input type="date" name="t4"></br>
CITY-</br>
<select name="t5">
    <option>AHM</option>
    <option>GAN</option>
    <option>RUPAL</option>
</select>
</br>
Address-</br>
<textarea name="t6"></textarea>
</br>
Gender-</br>
<input type="radio" name="t7" value="male">Male
<input type="radio" name="t7" value="male">Female
</br>
<input type="submit" value="CHECK" name="sub">
</form>
<?php
if(isset($_POST["sub"]))
{
$a1=$_POST["t1"];
$a2=$_POST["t2"];
$a3=$_POST["t3"];
$a4=$_POST["t4"];
$a5=$_POST["t5"];
```



PHP PRACTICAL FOR STUDENTS

```

$a6=$_POST["t6"];
$a7=$_POST["t7"];
echo(" Name Value is - ".$a1."</br>");
echo(" Email Value is - ".$a2."</br>");
echo(" Mobile No Value is - ".$a3."</br>");
echo(" DOB Value is - ".$a4."</br>");
echo(" CITY Value is - ".$a5."</br>");
echo(" ADDRESS Value is - ".$a6."</br>");
echo(" Gender Value is - ".$a7."</br>");
}
?>

```

Output:-

FULL Name-
Ankit Rami
Email-
arinfoway@gmail.com
Mobile No-
8460467193
DOB-
07/21/1995
CITY-
RUPAL
Address-
Gandhinagar
Gender-
 Male Female
CHECK

Name Value is - Ankit Rami
Email Value is - arinfoway@gmail.com
Mobile No Value is - 8460467193
DOB Value is - 1995-07-21
CITY Value is - RUPAL
ADDRESS Value is - Gandhinagar
Gender Value is - male

10. Write PHP script to create simple calculator using form.

```

<form action="" method="post">
First Number:<input name="n1" value=""><br>
Second Number:<input name="n2" value=""><br>
<input type="submit" name="sub" value="+">
<input type="submit" name="sub" value="-">
<input type="submit" name="sub" value="x">
<input type="submit" name="sub" value="/"><br>
</form>
<?php

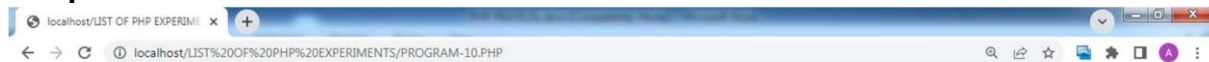
```



PHP PRACTICAL FOR STUDENTS

```
if(isset($_POST['sub']))
{
    $num1=$_POST['n1'];
    $num2=$_POST['n2'];
    $op=$_POST['sub'];
    if($op=="+")
    {
        $ans=$num1+$num2;
        echo "Result-".$ans;
    }
    else if($op=="-")
    {
        $ans=$num1-$num2;
        echo "Result-".$ans;
    }
    else if($op=="x")
    {
        $ans=$num1*$num2;
        echo "Result-".$ans;
    }
    else if($op=="/")
    {
        $ans=$num1/$num2;
        echo "Result-".$ans;
    }
}
?>
```

Output:-



First Number:

Second Number:



Result-7



PHP PRACTICAL FOR STUDENTS

11. Write PHP script to prepare student mark sheet using form.

```
<form action="" method="post">
Roll No-</br>
<input type="number" name="t1"></br>
FULL Name-</br>
<input type="text" name="t2" placeholder="Ex-Ankit Rami"></br>
Email-</br>
<input type="email" name="t3" placeholder="Ex-
arinfoway@gmail.com"></br>
Mobile No-</br>
<input type="number" name="t4" placeholder="Ex- 8460467193"></br>
SUBJECT-1 Mark-</br>
<input type="number" name="t5"></br>
SUBJECT-2 Mark-</br>
<input type="number" name="t6"></br>
SUBJECT-3 Mark-</br>
<input type="number" name="t7"></br>
<input type="submit" value="CHECK" name="sub">
</form>
<?php
if(isset($_POST["sub"]))
{
$a1=$_POST["t1"];
$a2=$_POST["t2"];
$a3=$_POST["t3"];
$a4=$_POST["t4"];
$a5=$_POST["t5"];
$a6=$_POST["t6"];
$a7=$_POST["t7"];
$total=$a5+$a6+$a7;
$per=$total/3;
$grade;
if($per>=75)
{
    $grade="A Grade";
}
}
```



PHP PRACTICAL FOR STUDENTS

```
else if($per>=55)
{
    $grade="B Grade";
}
else if($per>=35)
{
    $grade="C Grade";
}
else if($per<=35)
{
    $grade="You are FAIL";
}
echo("<div style='border:10px double
red;color:blue;padding:10px;width:50%;'>");
echo(" Roll No - ".$a1."</br>");
echo(" Student Name - ".$a2."</br>");
echo(" Email Id - ".$a3."</br>");
echo(" Mobile No - ".$a4."</br>");
echo(" Total Obtain Mark - ".$total."</br>");
echo(" PER(%) - ".$per."</br>");
echo(" GRADE - ".$grade."</br>");
echo("</div>");
}
?>
```

Output:-

Roll No-
414
FULL Name-
Ankit Rami
Email-
arinfoway@gmail.com
Mobile No-
8460467193
SUBJECT-1 Mark-
55
SUBJECT-2 Mark-
65
SUBJECT-3 Mark-
73
CHECK

Roll No - 414
Student Name - Ankit Rami
Email Id - arinfoway@gmail.com
Mobile No - 8460467193
Total Obtain Mark - 195
PER(%) - 65
GRADE - B Grade



12. Write PHP script to validate form data.

```
<html>
<head>
  <style>
    .error {color: #FF0000;}
  </style>
</head>
<body>
<?php
$nameErr = $emailErr = $genderErr = $websiteErr = "";
$name = $email = $gender = $comment = $website = "";
if($_SERVER["REQUEST_METHOD"] == "POST")
{
  if(empty($_POST["name"]))
  {
    $nameErr = "Please enter a valid name";
  }
  else
  {
    $name = test_input($_POST["name"]);
    // check if name only contains letters and whitespace
    if (!preg_match("/^[a-zA-Z-' ]*$/",$name)) {
      $nameErr = "Only letters and white space allowed";
    }
  }
}
if (empty($_POST["email"]))
{
  $emailErr = "valid Email address";
}
else
{
  $email = test_input($_POST["email"]);
  // check if e-mail address is well-formed
  if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
    $emailErr = "The email address is incorrect";
  }
}
}
```



PHP PRACTICAL FOR STUDENTS

```
        if (empty($_POST["website"]))
        {
            $website = "";
        }
        else
        {
            $website = test_input($_POST["website"]);
            // check if URL address syntax is valid
            if (!preg_match("/\b(?:https?|ftp):\/\/|www\.|[-a-z0-9+&@#\/%?~_!|:,;]*[-a-z0-9+&@#\/%~_!|/i", $website)) {
                $websiteErr = "Enter a valid Webiste URL";
            }
        }
        if (empty($_POST["comment"]))
        {
            $comment = "";
        }
        else
        {
            $comment = test_input($_POST["comment"]);
        }
        if (empty($_POST["gender"]))
        {
            $genderErr = "Please select a gender";
        }
        else
        {
            $gender = test_input($_POST["gender"]);
        }
    }
    function test_input($data)
    {
        $data = trim($data);
        $data = stripslashes($data);
        $data = htmlspecialchars($data);
        return $data;
    }
}
```

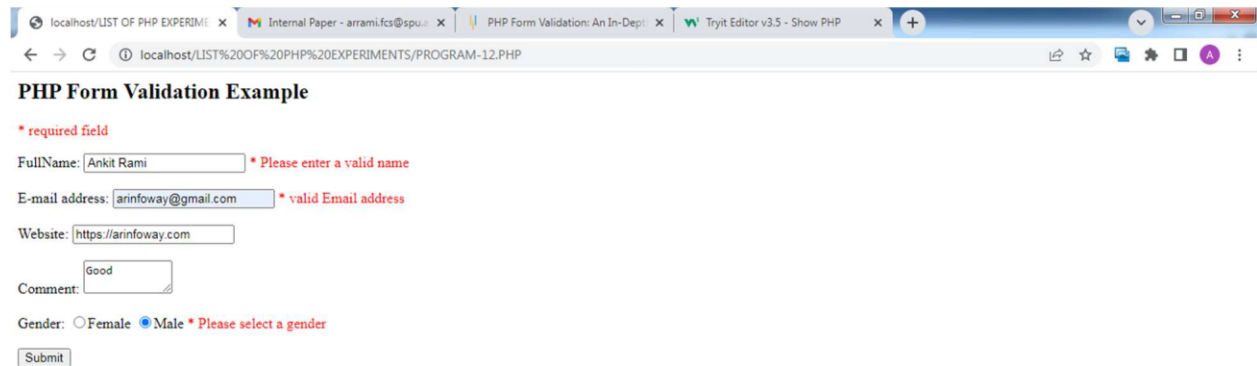
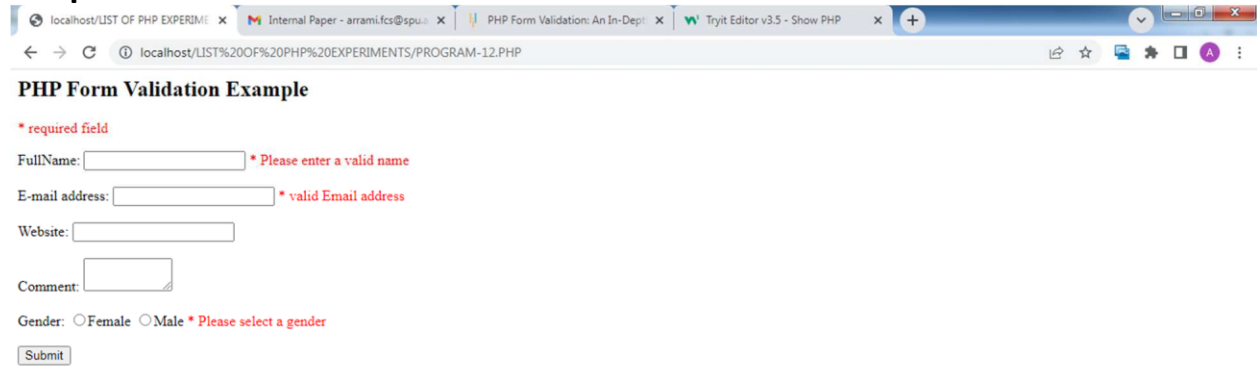


PHP PRACTICAL FOR STUDENTS

```
?>
<h2>PHP Form Validation Example</h2>
<p><span class="error">* required field</span></p>
<form method="post" action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>">
  FullName: <input type="text" name="name">
  <span class="error">* <?php echo $nameErr;?></span>
  <br><br>
  E-mail address: <input type="text" name="email">
  <span class="error">* <?php echo $emailErr;?></span>
  <br><br>
  Website: <input type="text" name="website">
  <span class="error"><?php echo $websiteErr;?></span>
  <br><br>
  Comment: <textarea name="comment" rows="2"
cols="10"></textarea>
  <br><br>
  Gender:
  <input type="radio" name="gender" value="female">Female
  <input type="radio" name="gender" value="male">Male
  <span class="error">* <?php echo $genderErr;?></span>
  <br><br>
  <input type="submit" name="submit" value="Submit">
</form>
<?php
echo "<h2> Final Output:</h2>";
echo $name;
echo "<br>";
echo $email;
echo "<br>";
echo $website;
echo "<br>";
echo $comment;
echo "<br>";
echo $gender;
?>
</body> </html>
```




Output:-



Final Output:

Ankit Rami
arinfoway@gmail.com
https://arinfoway.com
Good
male

13. Write PHP script to redirect user.

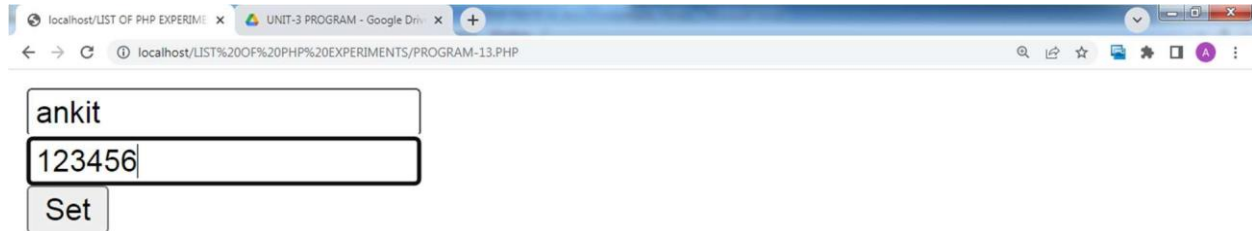
```
<form method="post" action="">
<input type="text" name="t1" placeholder="Enter Username"></br>
<input type="text" name="t2" placeholder="Enter Password"></br>
<input type="submit" name="s1" value="Set">
</form>
<?php
if(isset($_POST["s1"]))
{
    $a=$_POST["t1"];
    $b=$_POST["t2"];
    if($a=="ankit" && $b=="123456")
    {
        header("location:https://spu.ac.in");
    }
}
```



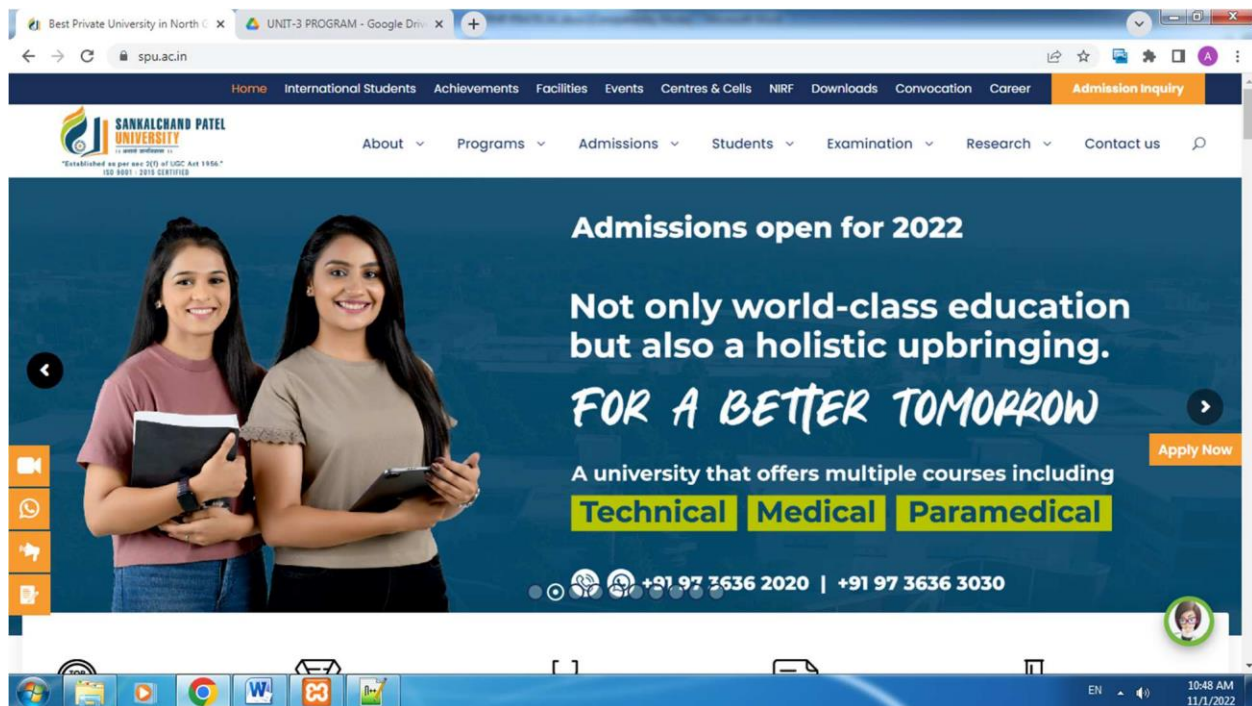
PHP PRACTICAL FOR STUDENTS

```
else  
{  
    header("location:p1.php");  
}  
}  
?>
```

Output:-



Login Success than User Redirect SPU Website





14. Write PHP script to upload a file.

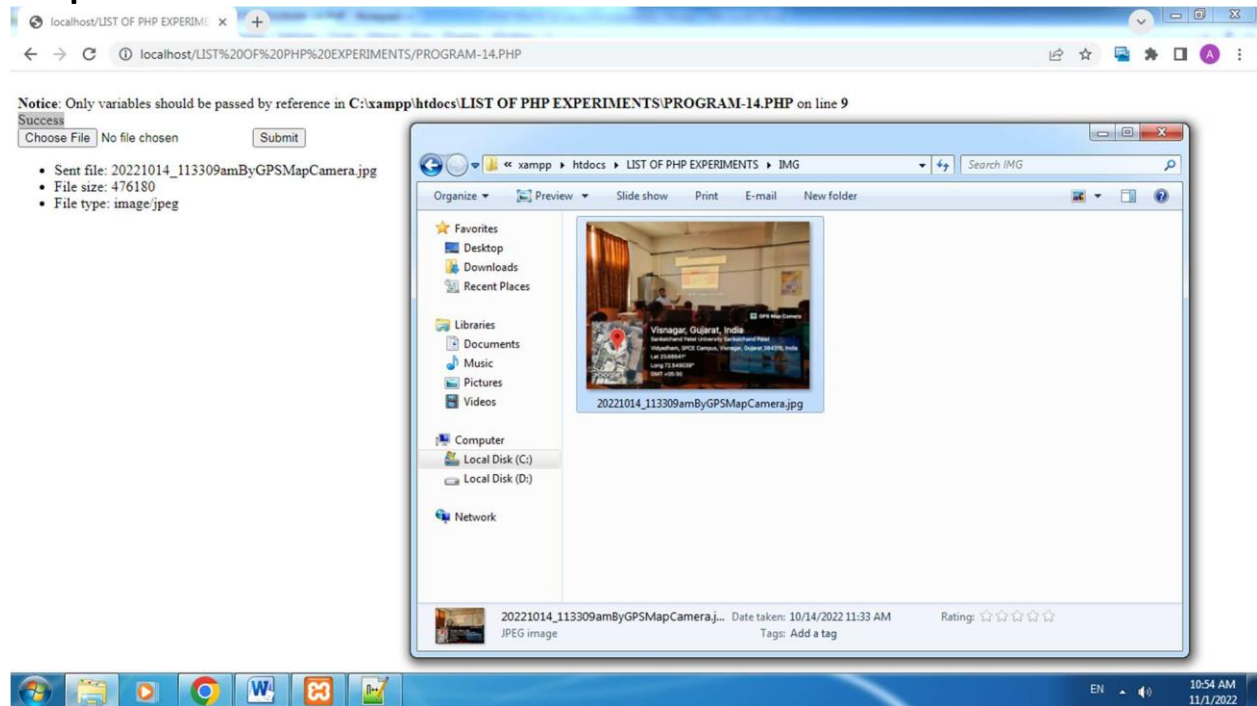
```
<?php
if(isset($_FILES['image']))
{
    $errors= array();
    $file_name = $_FILES['image']['name'];
    $file_size = $_FILES['image']['size'];
    $file_tmp = $_FILES['image']['tmp_name'];
    $file_type = $_FILES['image']['type'];
    $file_ext=strtolower(end(explode('.',$_FILES['image']['name'])));
    $extensions= array("jpeg","jpg","png");
    if(in_array($file_ext,$extensions)=== false)
    {
        $errors[]="extension not allowed, please choose a JPEG or PNG file.";
    }
    if($file_size > 2097152)
    {
        $errors[]='File size must be exactly 2 MB';
    }
    if(empty($errors)==true)
    {
        move_uploaded_file($file_tmp,"images/".$file_name);
        echo "Success";
    }
    else
    {
        print_r($errors);
    }
}
?>
<html>
<body>
<form action = "" method = "POST" enctype = "multipart/form-data">
<input type = "file" name = "image" />
<input type = "submit"/>
```



PHP PRACTICAL FOR STUDENTS

```
<ul>
  <li>Sent file: <?php echo $_FILES['image']['name']; ?>
  <li>File size: <?php echo $_FILES['image']['size']; ?>
  <li>File type: <?php echo $_FILES['image']['type']; ?>
</ul>
</form>
</body>
</html>
```

Output:-



15. Write PHP script to send mail.

<!-- Write PHP script to send mail

The Steps To Send Mail From Localhost XAMPP Using Gmail:

- 1: Open the XAMPP installation directory.
- 2: Navigate php.ini file from C:\xampp\php
- 3: Press ctrl + f to find the mail function
- 4: Search & pass the below-mentioned values.
 - › SMTP=smtp.gmail.com
 - › smtp_port=587
 - › sendmail_from = ankitramiblog@gmail.com /*Your gmail id*/
 - › sendmail_path = "\"C:\xampp\sendmail\sendmail.exe\" -t"
- 5: Open sendmail.ini file from C:\xampp\sendmail.
- 6: Press ctrl + f & find sendmail.



PHP PRACTICAL FOR STUDENTS

7: Search & pass the below-mentioned values.

- › smtp_server=smtp.gmail.com
- › smtp_port=587
- › error_logfile=error.log
- › debug_logfile=debug.log
- › auth_username=ankitramiblog@gmail.com /*Your Gmail id*/
- › auth_password=***** /*Your Gmail password*/
- › force_sender=ankitramiblog@gmail.com /*Optional*/-->

```
<?php
$to_email = "arinfoway@gmail.com";
$subject = "Test email to send from XAMPP";
$body = "Hi, This is test mail to check how to send mail from Localhost Using
Gmail ";
$headers = "From: sender email";
if (mail($to_email, $subject, $body, $headers))
{
    echo "Email successfully sent to $to_email...";
}
else
{
    echo "Email sending failed!";
}
?>
```

Output:-

Email successfully sent to arinfoway@gmail.com

16. Write PHP script to demonstrate the use of session.

```
<?php
session_start();

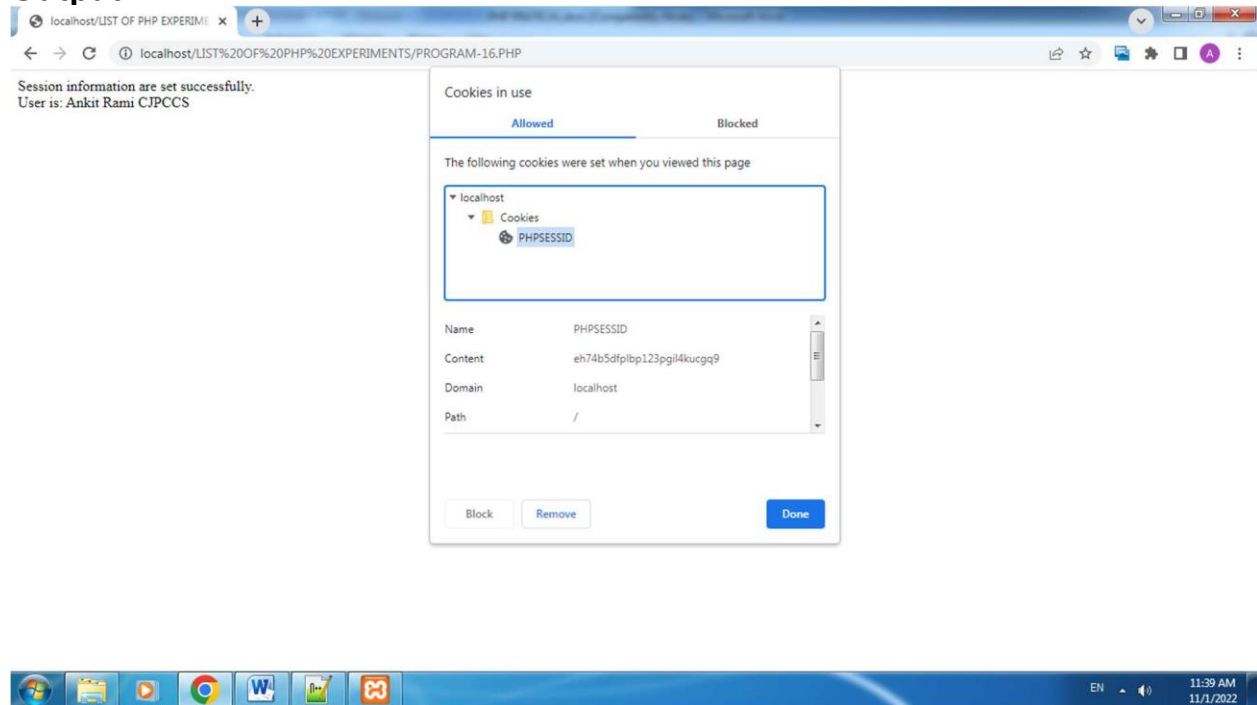
$_SESSION["user"] = "Ankit Rami CJPCCS";
echo "Session information are set successfully.<br/>";

echo "User is: ".$_SESSION["user"]; //session print

session_destroy(); //session Destroy
?>
```



Output:-



17. Write PHP script to demonstrate the use of cookie.

```
<?php
```

```

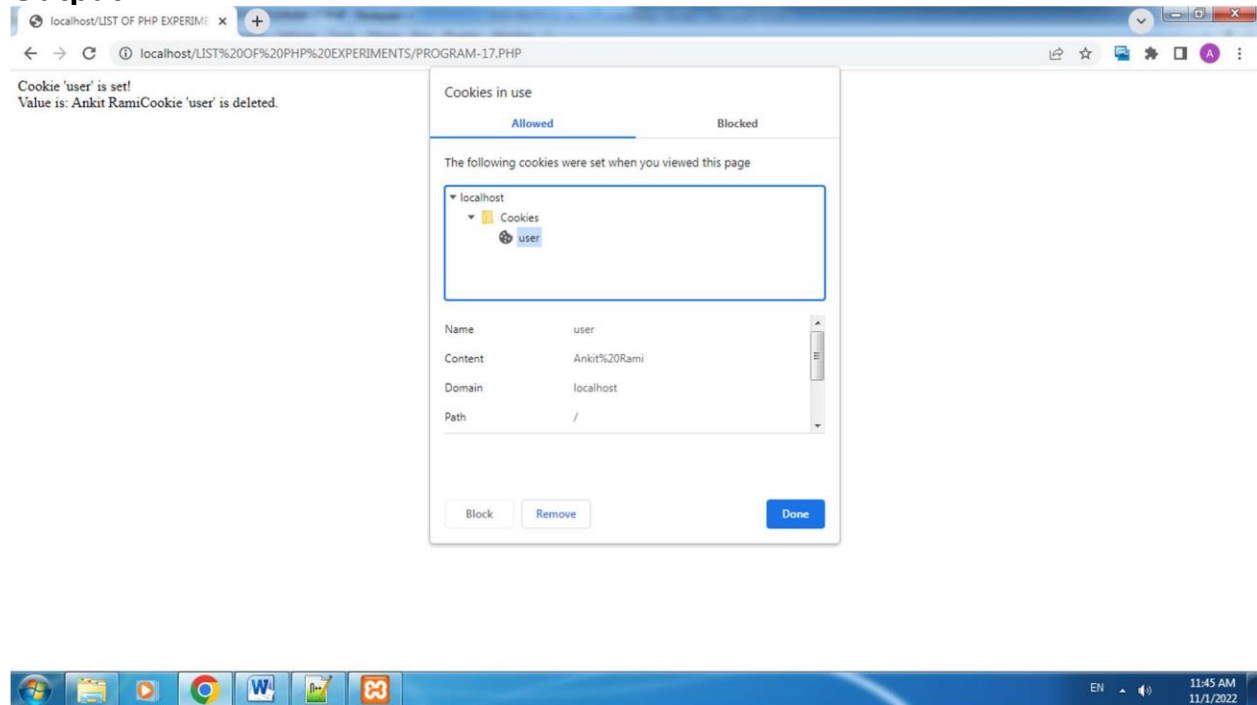
    $cookie_name = "user";
    $cookie_value = "Ankit Rami";
    setcookie($cookie_name, $cookie_value, time() + (86400 * 30), "/");
    // 86400 = 1 day
    if(!isset($_COOKIE[$cookie_name]))
    {
        echo "Cookie named '" . $cookie_name . "' is not set!";
    }
    else
    {
        echo "Cookie '" . $cookie_name . "' is set!<br>";
        echo "Value is: " . $_COOKIE[$cookie_name];
    }
    //delete cookies
    // set the expiration date to one hour ago
    setcookie("user", "", time() - 3600);
    echo "Cookie 'user' is deleted.";

```

```
?>
```

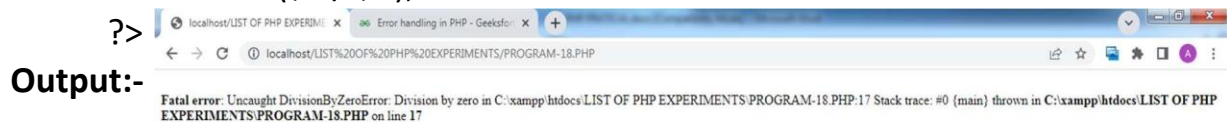


Output:-



18. Write PHP script to implement custom error handling.

```
<?php
    // Creates my error function which prints message
    //to user
    function myerror($error_no, $error_msg)
    {
        echo "Error: [$error_no] $error_msg ";
        echo "\n Now Script will end";
        // When error occurred script has to be stopped
        die();
    }
    // Setting set_error_handler
    set_error_handler("myerror");
    $a = 10;
    $b = 0;
    // This will generate error
    echo($a / $b);
```



Output:-



PHP PRACTICAL FOR STUDENTS

19. Write PHP script to demonstrate exception handling using try, catch and throw.

```
<?php
function divide($dividend, $divisor)
{
    if($divisor == 0)
    {
        throw new Exception("Division by zero");
    }
    return $dividend / $divisor;
}
try
{
    echo divide(5, 0);
}
catch(Exception $e)
{
    echo "Unable to divide. ";
}
finally
{
    echo "Process complete.";
}
?>
```

Output:-

Unable to divide. Process complete.

20. Write PHP script to create a new database.

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
// Create connection
$conn = mysqli_connect($servername, $username, $password);
```




PHP PRACTICAL FOR STUDENTS

```
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
// Create database
$sql = "CREATE DATABASE ARDB";
if(mysqli_query($conn, $sql))
{
    echo("Database created successfully");
}
else
{
    echo("Error creating database: " . mysqli_error($conn));
}
mysqli_close($conn);
?>
```

Output:-

Database created successfully

21. Write PHP script to create a new table in the database.

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "ARDB";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// sql to create table
$sql = "CREATE TABLE STUDENT(id INT(6) AUTO_INCREMENT PRIMARY KEY,
firstname VARCHAR(30) NOT NULL,
lastname VARCHAR(30) NOT NULL,
email VARCHAR(50))";
if ($conn->query($sql) === TRUE)
{
    echo "Table STUDENT created successfully";
}
```

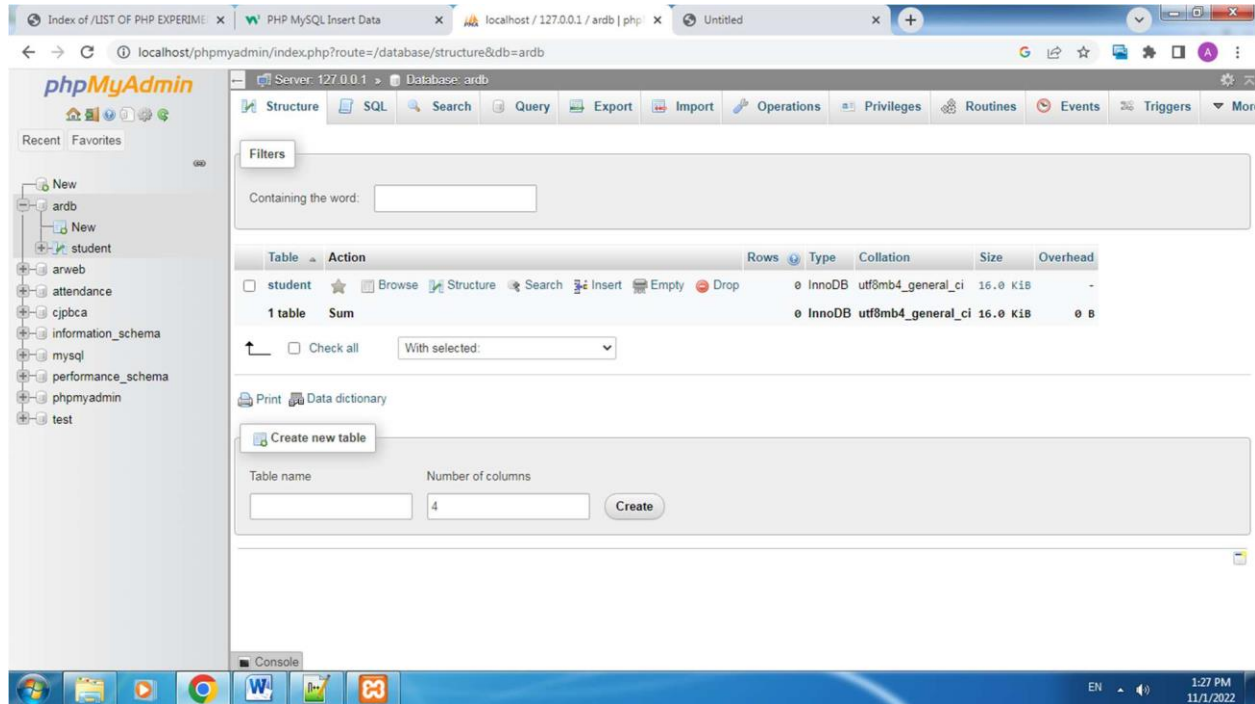


PHP PRACTICAL FOR STUDENTS

```
else
{
    echo "Error creating table: " . $conn->error;
}
$conn->close();
?>
```

Output:-

Table STUDENT created successfully



22. Write PHP script to insert records to the table in database.

```
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "ARDB";
    $conn = new mysqli($servername, $username, $password,
    $dbname);
    $sql = "INSERT INTO student(firstname, lastname, email)
    VALUES ('Ankit', 'Rami', 'ankitramiblog@gmail.com)";
    if ($conn->query($sql) === TRUE)
    {
        echo "New record created successfully";
    }
```



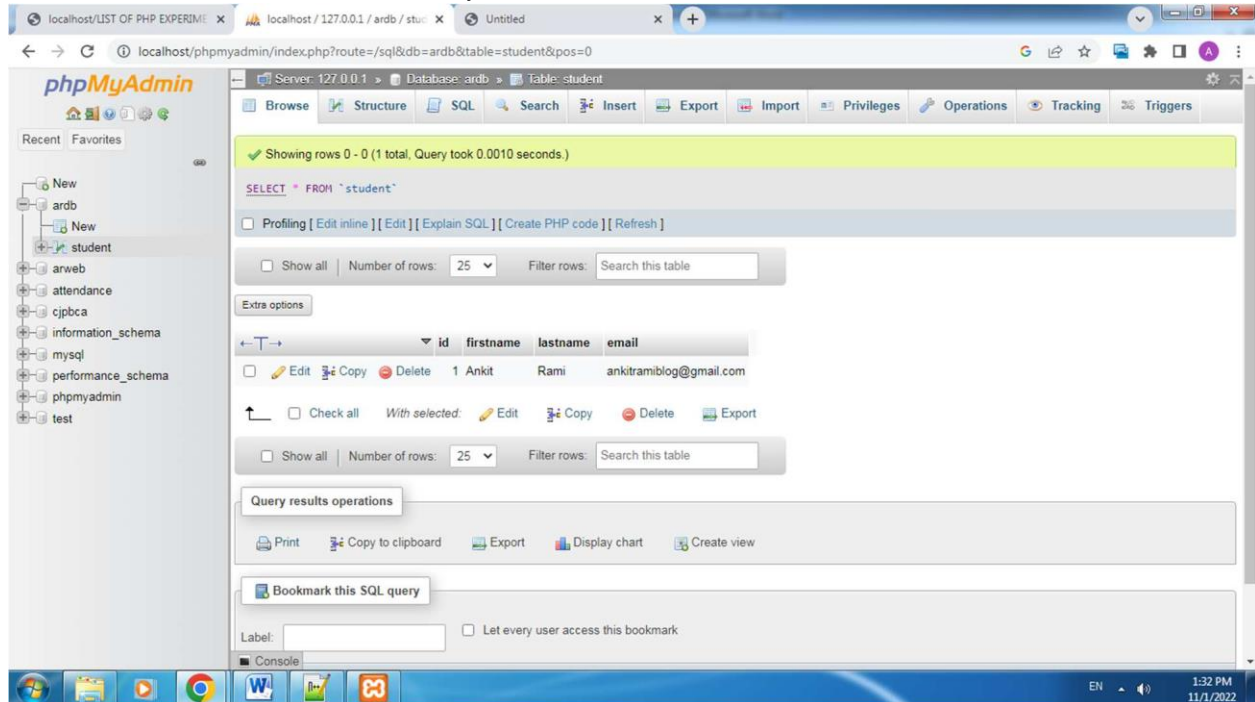
PHP PRACTICAL FOR STUDENTS

```
else
{
    echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close();

?>
```

Output:-

New record created successfully



23. Write PHP script to retrieve all records from the table in database.

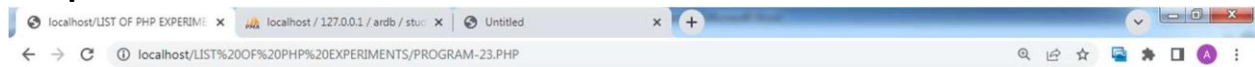
```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "ARDB";
// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
$sql = "SELECT id, firstname, lastname FROM student";
$result = mysqli_query($conn, $sql);
if (mysqli_num_rows($result) > 0)
{
    // output data of each row
```



PHP PRACTICAL FOR STUDENTS

```
while($row = mysqli_fetch_assoc($result))
{
    echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. " " .
    $row["lastname"]. "<br>";
}
}
else
{
    echo "0 results";
}
mysqli_close($conn);
?>
```

Output:-



id: 1 - Name: Ankit Rami

24. Write PHP script to delete and search record from the table in database.

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "ARDB";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
// sql to delete a record
$sql = "DELETE FROM student WHERE id=1";
if ($conn->query($sql) === TRUE)
{
    echo "Record deleted successfully";
}
}
```

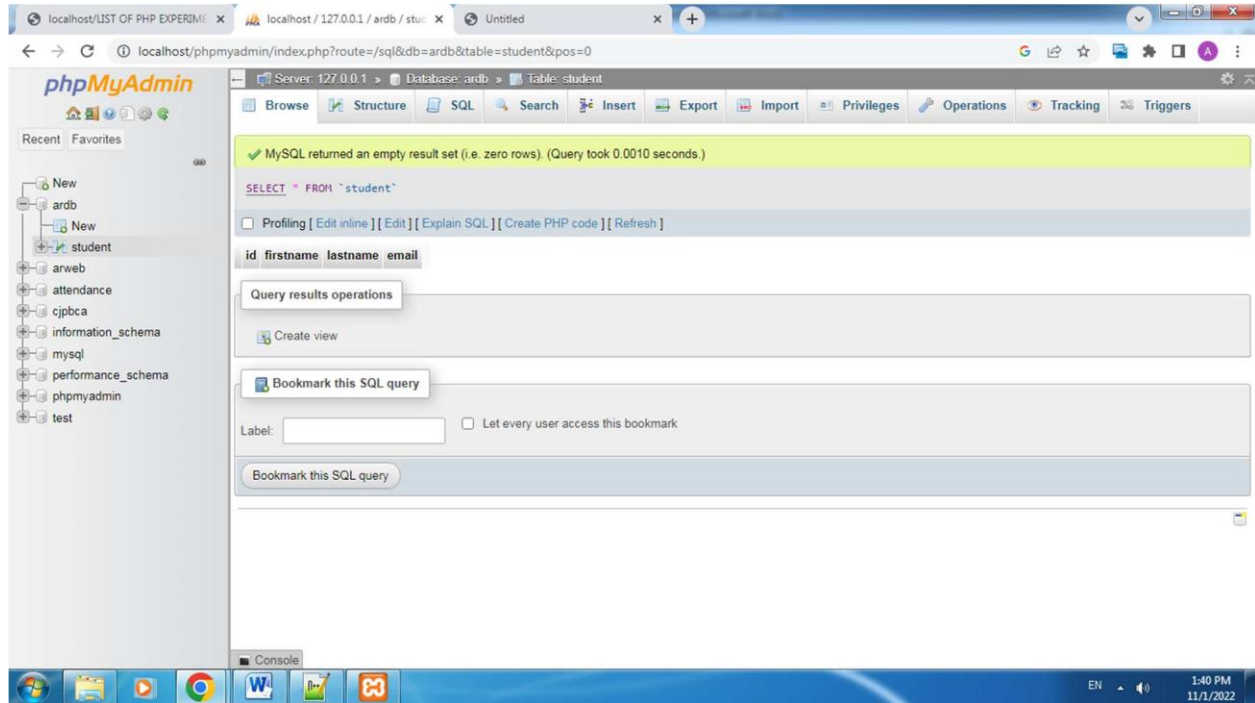


PHP PRACTICAL FOR STUDENTS

```
else
{
    echo "Error deleting record: " . $conn->error;
}
$conn->close();
?>
```

Output:-

Record deleted successfully



Search Data

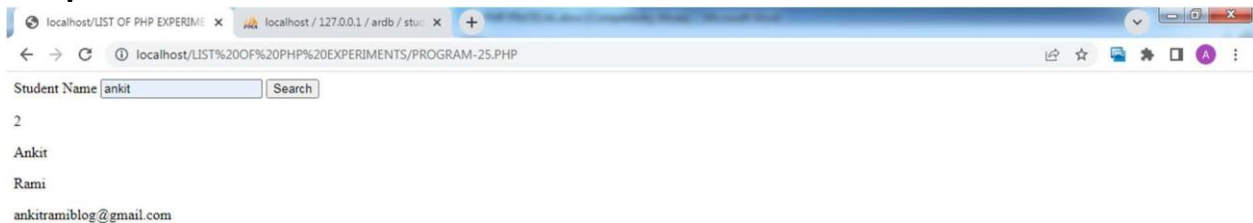
```
<form action="" method="post">
Student Name
<input type="text" name="t1">
<input type="submit" name="s1" value="Search">
</form>
<?php
if(isset($_POST['s1']))
{
    $cn=mysqli_connect("localhost","root","","ARDB");
    $a=$_POST['t1'];
    $q1=mysqli_query($cn,"select * from student where firstname LIKE
'%"$a%"");
```



PHP PRACTICAL FOR STUDENTS

```
while($r1=mysqli_fetch_array($q1))
{
    echo("<p>".$r1['id']."</p>");
    echo("<p>".$r1['firstname']."</p>");
    echo("<p>".$r1['lastname']."</p>");
    echo("<p>".$r1['email']."</p>");
}
}
?>
```

Output:-



25. Write PHP script to update record to the table in database.

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "ARDB";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
$sql = "UPDATE student SET email='arinfoway@gmail.com' WHERE id=2";
if ($conn->query($sql) === TRUE)
{
    echo "Record updated successfully";
}
else
{
    echo "Error updating record: " . $conn->error;
}
```

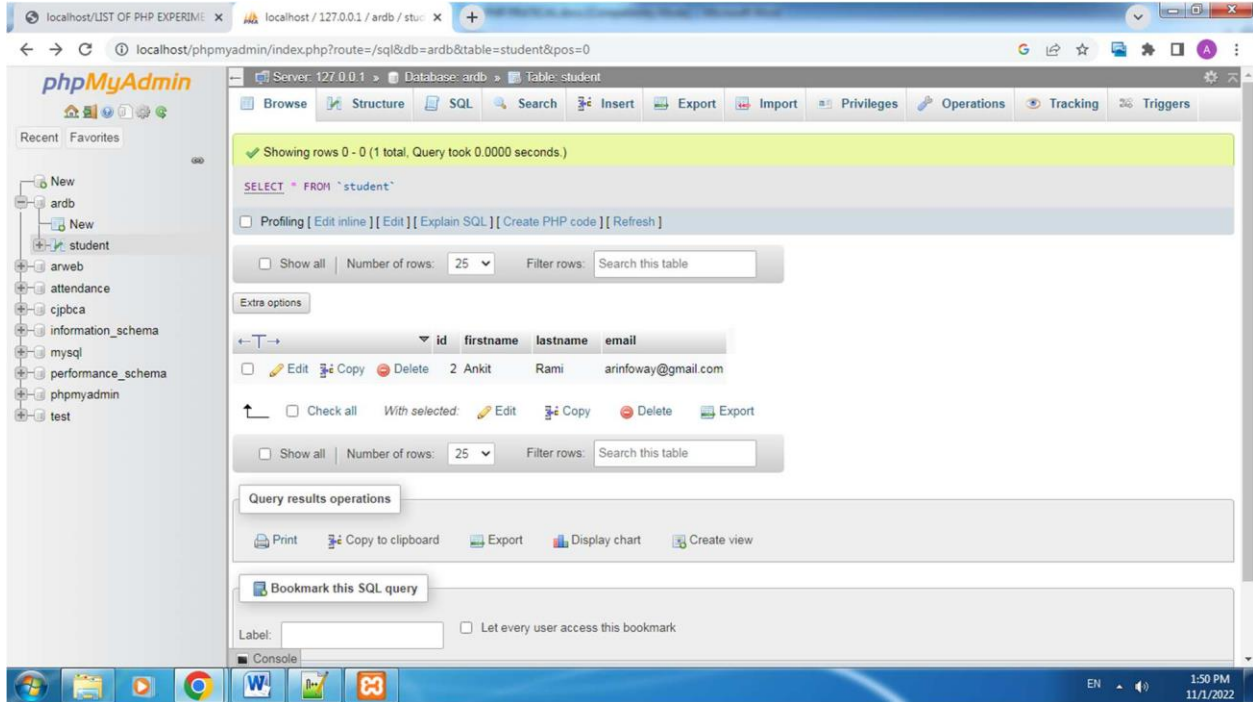


PHP PRACTICAL FOR STUDENTS

```
$conn->close();
?>
```

Output:-

Record updated successfully



26. Write PHP script to implement following tasks:

I. Registration of user.

```
<form action="" method="post">
Full Name <input type="text" name="t1"></br>
Username <input type="text" name="t2"></br>
Password <input type="password" name="t3"></br>
<input type="submit" name="s1" value="Register">
<a href="login.php">Login</a>
</form>
<?php
if(isset($_POST['s1']))
{
$conn=mysqli_connect("localhost","root","","ARDB");
$f1=$_POST['t1'];
$f2=$_POST['t2'];
$f3=$_POST['t3'];
```



PHP PRACTICAL FOR STUDENTS

```
mysqli_query($cn,"insert into aruser(username,password) VALUES
('$f1','$f2','$f3')");
echo("User Register Successfully");
}
?>
```

Output:-



II. Login of user.

```
<form action="" method="post">
Username <input type="text" name="t1"></br>
Password <input type="password" name="t2"></br>
<input type="submit" name="s1" value="Login">
<a href="register.php">Register</a>
</form>
<?php
if(isset($_POST['s1']))
{
    $cn=mysqli_connect("localhost","root","","ARDB");
    $f1=$_POST['t1'];
    $f2=$_POST['t2'];
    $sql="SELECT * FROM aruser WHERE username='$f1' AND
password='$f2'";
    $result = mysqli_query($cn, $sql);
    if(mysqli_num_rows($result) === 1)
    {
        echo("Login Successfully");
        header("location:profile.php");
    }
    else
    {
        echo("Login Fail");
    }
}
```




PHP PRACTICAL FOR STUDENTS

?>

Output:-



Login Successfully

III. Modify the details of user.

```

<h1>
<center>
<a href="profile.php">Profile</a>
<a href="logout.php">Logout</a>
</center>
</h1>
<?php
session_start();
if(!isset($_SESSION["username"]))
{
header("Location: login.php");
exit();
}

$cn=mysqli_connect("localhost","root","","ARDB");
$a=$_SESSION["username"];
$q1=mysqli_query($cn,"select * from aruser where username='$a'");
while($r1=mysqli_fetch_array($q1))
{
    $u1=$r1['uid'];
    $u2=$r1['uname'];
    $u3=$r1['username'];
    $u4=$r1['password'];
}
?>

```



PHP PRACTICAL FOR STUDENTS

```

<form action="" method="post">
User ID - <?php echo($u3); ?>
<input type="hidden" name="s1" value="<?php echo($u1); ?>">
</br>
Name
<input type="text" name="s2" value="<?php echo($u2); ?>"></br>
Username
<input type="text" name="s3" value="<?php echo($u3); ?>"></br>
Password
<input type="text" name="s4" value="<?php echo($u4); ?>"></br>
</br>
<input type="submit" name="ss2" value="Update Data">

</form>
<?php
if(isset($_POST['ss2']))
{
$cn=mysqli_connect("localhost","root","","ARDB");
$f1=$_POST['s1'];
$f2=$_POST['s2'];
$f3=$_POST['s3'];
$f4=$_POST['s4'];
mysqli_query($cn,"update aruser set
uname='$f2',username='$f3',password='$f4' where uid='$f1'");
echo("Update Data Successfully");
}
?>

```

Output:-

Profile Logout

User ID - arrami
Name | Ankit Patel
Username | arrami
Password | 123456

Update Data Successfully



PHP PRACTICAL FOR STUDENTS

IV. Logout.

```
<?php
session_start();
// Destroying All Sessions
if(session_destroy())
{
// Redirecting To Home Page
header("Location: login.php");
}
?>
```

Output:-



Faculty Name- Ankit Rami

Any Query Email –

ankitramiblog@gmail.com

Any Query Contact No – +91

8460467193

Website - amit.arinfoway.com