Indira Gandhi Delhi Technical University for Women

(Established by Govt. of Delhi vide Act 09 of 2012)

(Formerly Indira Gandhi Institute of Technology)

Kashmere Gate, Delhi - 110006

LABORATORY FILE
for
Web Technologies

MCA 207

Submitted by:

Submitted to:
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MCA, 3rd Sem
02004092019

Ques 1: Write a simple PHP script which will check the following on user input data:
- **Enter your university name:**
- **length of the input is greater than 10 then show an error**
- **Input is equals to igdtuw then display ok otherwise show an error**
- **Display reverse of the data**

PHP Code: (igdtuw.php)
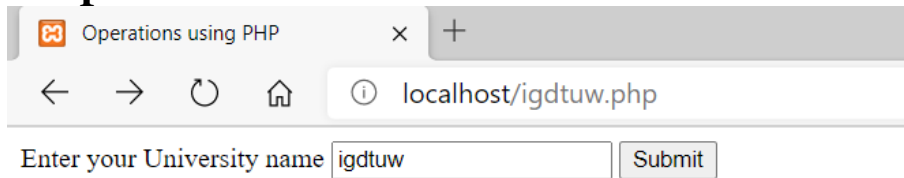
```
<html>
<head>
        <title> Operations using PHP </title>
</head>

<body>
        <form action="ques1.php" method="post">
        Enter your University name <input type="text" name="string_value"
        required/>
        <input type="submit" value="check"/>
</form>

</body>
</html>
```

PHP Code: (validations)(ques1.php)

```
<html>
<body>
<?php
        $string= $_POST['string_value'];
        $string_check="igdtuw";
        if(strlen($string) >=10)
                echo("ERROR! Length should be less than 10 ; ");
        if($string == $string_check)
                echo "OK";
        else
                echo("ERROR! Not the correct university name ; ");
        echo("; Reverse of the string is: ");
        echo strrev($string);
?>
</body>
</html>
```

Output:
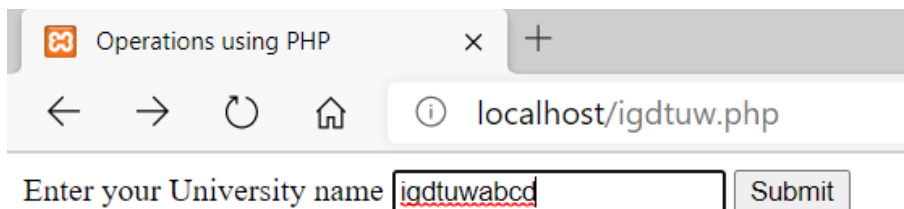
OK; Reverse of the string is: wutdgi

ERROR! Length should be less than 10 ; ERROR! Not the correct university name ; ; Reverse of the string is: dcbawutdgi

Ques 2: Write a PHP script to display the details of student's registration form using get and post.

HTML Code: (GET method)

```
<html>
<head>
      <title>
      Register
      </title>
      <script src="validation_register.js"></script>
      <link rel="stylesheet" href="validation_register.css">
</head>

<body onload='document.register.fname.focus()'>
      <div>
      <h2>Registration Form</h2>
      <h5>Want to proceed further? Register yourself!</h5>
```
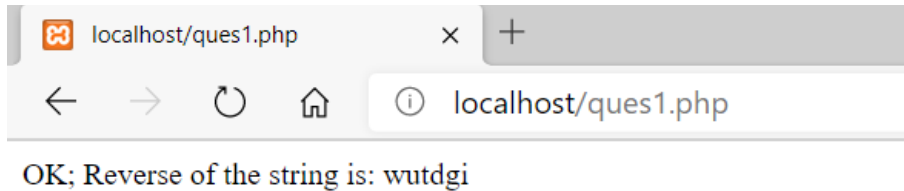
```html
<form name="register" onsubmit="return validateForm()" method="get" action="welcome_get.php">
<label for="fname">First Name: </label>
<input type="text" id="fname" name="fname" required><br><br>
<label for="lname">Last Name: </label>
<input type="text" id="lname" name="lname" required><br><br>
<label for="fname">Email Id: </label>  
<input type="text" id="email" name="email" required><br><br>
Gender:  
<input type="radio" id="gender" name="gender" value="gender">
<label for="male">Male</label>
<input type="radio" id="female" name="gender" value="female">
<label for="female">Female</label>
<input type="radio" id="other" name="gender" value="other">
<label for="other">Prefer not to say</label> <br> <br>
<label for="cars">Birthday:</label>  
<select id="day" name="day">
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<select id="month" name="month">
<option value="Jan">January</option>
```
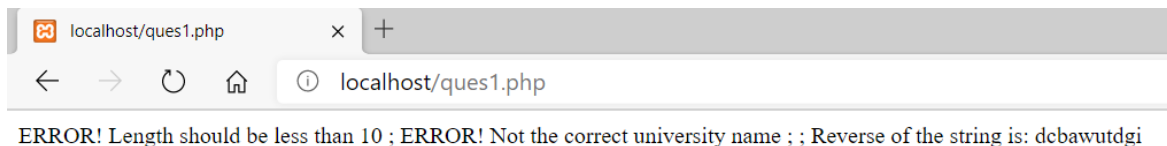
```html
        <option value="Feb">February</option>
        <option value="Mar">March</option>
        <option value="Apr">April</option>
        <option value="May">May</option>
        <option value="June">June</option>
        <option value="July">July</option>
        <option value="Aug">August</option>
        <option value="Sept">September</option>
        <option value="Oct">October</option>
        <option value="Nov">November</option>
        <option value="Dec">December</option>
        </select> <br> <br>
        Employment type:
        <input type="checkbox" id="1" name="emp1" value="Student">
        <label for="student"> Student</label>
        <input type="checkbox" id="2" name="emp2" value="Job">
        <label for="job"> Looking for a job</label>
        <input type="checkbox" id="3" name="emp3" value="Intern">
        <label for="intern"> Looking for internship</label> <br> <br>
        <label for="textt">Tell us something about yourself:</label> <br>
        <textarea id="textt" name="textt" rows="4" cols="50"></textarea><br><br>
        <label for="lname">Password: </label>       
             
        <input type="password" id="password" name="password"
        onkeyup='check();' ><br><br>
        <label for="lname">Confirm Password: </label>
        <input type="password" id="cpassword" name="cpassword"
        onkeyup='check();' ><br><br>

        <button type="submit" onclick="validateForm()">Register</button>
        <button type="reset"> Reset </button>
        </form>
        </div>
</body>
</html>
```

PHP Code:

```php
<html>
<body>
        Welcome <?php echo $_GET["fname"]; ?>
         <?php echo $_GET["lname"]; ?><br>
        Your email address is: <?php echo $_GET["email"]; ?><br>
        Your birth date is: <?php echo $_GET["day"]; ?>-
        <?php echo $_GET["month"]; ?><br>
</body>
</html>
```

Output:

Welcome Roopal Mittal
Your email address is: roopal.mca@gmail.com
Your birth date is: 3-Apr

HTML Code: (POST method)

```html
<html>
<head>
      <title>
      Register
      </title>
      <script src="validation_register.js"></script>
      <link rel="stylesheet" href="validation_register.css">
</head>

<body onload='document.register.fname.focus()'>
      <div>
      <h2>Registration Form</h2>
      <h5>Want to proceed further? Register yourself!</h5>
      <form name="register" onsubmit="return validateForm()"
      action="welcome_post.php" method="post">
      <label for="fname">First Name: </label>
      <input type="text" id="fname" name="fname" required><br><br>
      <label for="lname">Last Name: </label>
      <input type="text" id="lname" name="lname" required><br><br>
      <label for="fname">Email Id: </label>  
```

```html
<input type="text" id="email" name="email" required><br><br>
Gender:  
<input type="radio" id="gender" name="gender" value="gender">
<label for="male">Male</label>
<input type="radio" id="female" name="gender" value="female">
<label for="female">Female</label>
<input type="radio" id="other" name="gender" value="other">
<label for="other">Prefer not to say</label> <br> <br>
<label for="cars">Birthday:</label>  
<select id="day" name="day">
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<select id="month" name="month">
<option value="Jan">January</option>
<option value="Feb">February</option>
<option value="Mar">March</option>
<option value="Apr">April</option>
<option value="May">May</option>
<option value="June">June</option>
<option value="July">July</option>
<option value="Aug">August</option>
```

```html
<option value="Sept">September</option>
<option value="Oct">October</option>
<option value="Nov">November</option>
<option value="Dec">December</option>
</select> <br> <br>
Employment type:
<input type="checkbox" id="1" name="emp1" value="Student">
<label for="student"> Student</label>
<input type="checkbox" id="2" name="emp2" value="Job">
<label for="job"> Looking for a job</label>
<input type="checkbox" id="3" name="emp3" value="Intern">
<label for="intern"> Looking for internship</label> <br> <br>
<label for="textt">Tell us something about yourself:</label> <br>
<textarea id="textt" name="textt" rows="4" cols="50"></textarea><br><br>
<label for="lname">Password: </label>       
     
<input type="password" id="password" name="password"
onkeyup='check();' ><br><br>
<label for="lname">Confirm Password: </label>
<input type="password" id="cpassword" name="cpassword"
onkeyup='check();' ><br><br>

<button type="submit" onclick="validateForm()">Register</button>
<button type="reset"> Reset </button>
</form>
</div>
</body>
</html>
```

PHP Code:

```php
<html>
<body>
WELCOME <?php echo $_POST["fname"];?>
<?php echo $_POST["lname"]; ?><br>
Your Email address is: <?php echo $_POST["email"];?><br>
Your birth date is: <?php echo $_POST["day"]; ?>-
<?php echo $_POST["month"]; ?>
</body>
</html>
```

Output:

WELCOME Roopal Mittal
Your Email address is: roopal020mca19@igdtuw.ac.in
Your birth date is: 1-Jan
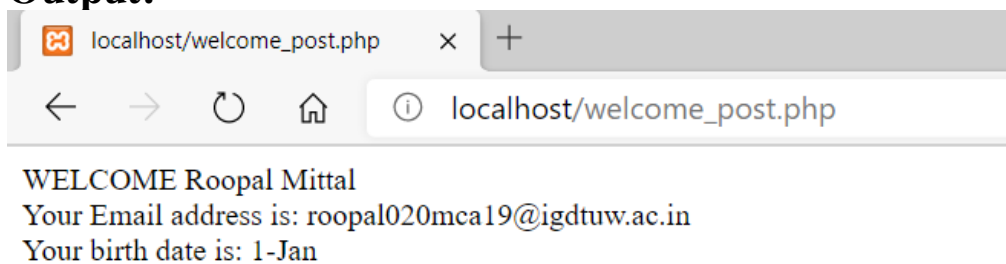
Ques 3: Write a php script to display the result (+,-,*,/) calculator (a, b are two inputs).
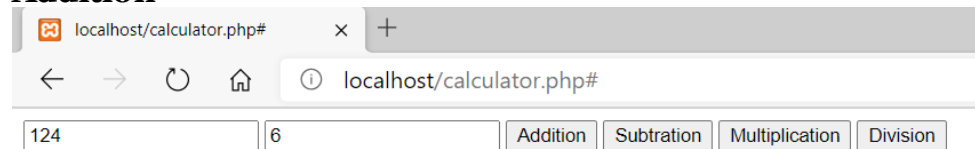
PHP Code:

```php
<!DOCTYPE html>
<html>
<head>
<title></title>
</head>
<body>
    <?php
    $second="";
    $first="";
    if(isset($_POST['submit']))
    {
    $first = $_POST['firstNumber'];
    $second = $_POST['secondNumber'];
    switch ($_POST['submit'])
    {
    case 'Addition':
            $result=$_POST['firstNumber']+$_POST['secondNumber'];
            break;
    case 'Subtration':
            $result=$_POST['firstNumber']-
            $_POST['secondNumber'];
            break;
    case 'Multiplication':
            $result=$_POST['firstNumber']*$_POST['secondNumber'];
            break;
    case 'Division':
            $result=$_POST['firstNumber']/$_POST['secondNumber'];
            break;
    default:
            $result="";
            break;
    }
    }
    ?>
    <form action="#" method="POST">
    <input type="number" name="firstNumber"
    required="required" value="<?php echo $first;?>">
    <input type="number" name="secondNumber"
    required="required" value="<?php echo $second;?>">
    <input type="submit" name="submit" value="Addition">
    <input type="submit" name="submit" value="Subtration">
    <input type="submit" name="submit"
    value="Multiplication">
    <input type="submit" name="submit" value="Division">
    </form>
```

```php
        <?php
        if(isset($_POST['submit'])){
        echo "<h3>Answer : $result</h3>";
        }
        ?>
</body>
</html>
```
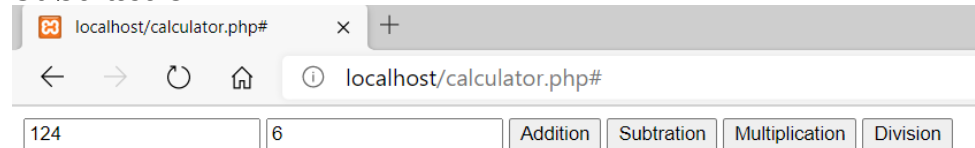
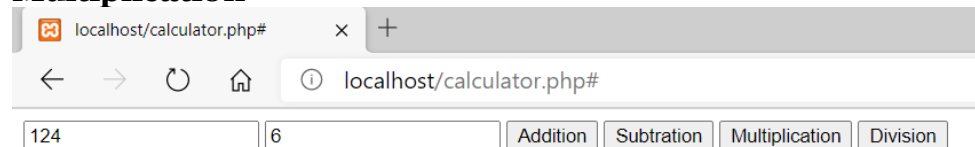## Output:

Addition

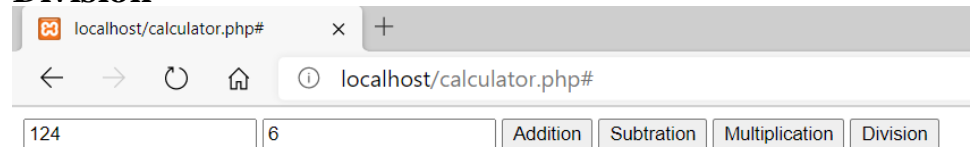**Answer : 130**

Subtraction

Answer : 118

Multiplication

Answer : 744

Division

Answer : 20.666666666667