

## Lab Activity 10Sep2022

### Aim:

Consider the portal created for the Lab activity 24-8-2022. Instead of tentative dates, create two buttons in the page, next to Review II and Review III, which will create new element, text content and append to the existing object to display the dates to be 27.09.2022 and 8.11.2022 respectively. Also display the number of days to go from today for both upcoming reviews, using date objects.

### Code:

```
<!DOCTYPE html>
<!-- PRIYANSHU VYAS 20BCE1685 -->
<html>
  <head>
    <title>IWP</title>
  </head>

  <body align="center" bgcolor="skyblue">
    <h1>IWP Course - J Component</h1>
    <br />
    <br />
    
    <br />
    <br />
    <form>
      <table align="center" border="solid">
        <tr>
          <td>Project Name:</td>
          <td><input type="text" required/></td>
        </tr>
        <tr>
          <td>Number of team members:</td>
          <td><input type="number" required/></td>
        </tr>
        <tr>
          <td>Registration No.:</td>
          <td><input type="text" required/></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

```

    </tr>
    <tr>
        <td>Name:</td>
        <td><input type="text" required/></td>
    </tr>
    <tr>
        <td>Phone No.:</td>
        <td><input type="tel" required/></td>
    </tr>
    <tr>
        <td colspan="2"><input type="submit" /></td>
    </tr>
</table>
</form>
<br />
<br />
<div style="display: flex; justify-content: center">
    <ul style="font-size: larger; list-style-type: square">
        <li><button onclick="Review2()">Next to Review II</button></li>
        <br />
        <li><button onclick="Review3()">Next to Review III</button></li>
    </ul>
</div>
<br>
<br>
<div id="Dates">
</div>

<script>
    var d1 = new Date();
    const dates = document.getElementById('Dates');
    const td = document.createTextNode("Today's date : " +
d1.toString())
    dates.appendChild(td);
    dates.insertAdjacentHTML(
        'beforeend',
        '<br><br>',
    );
    function Review2(){
        var d2 = new Date("2022-09-27");
        const td1 = document.createTextNode("Review 2 date : " +
d2.toString())
        dates.appendChild(td1);
        dates.insertAdjacentHTML(
            'beforeend',
            '<br>',
        );
    };

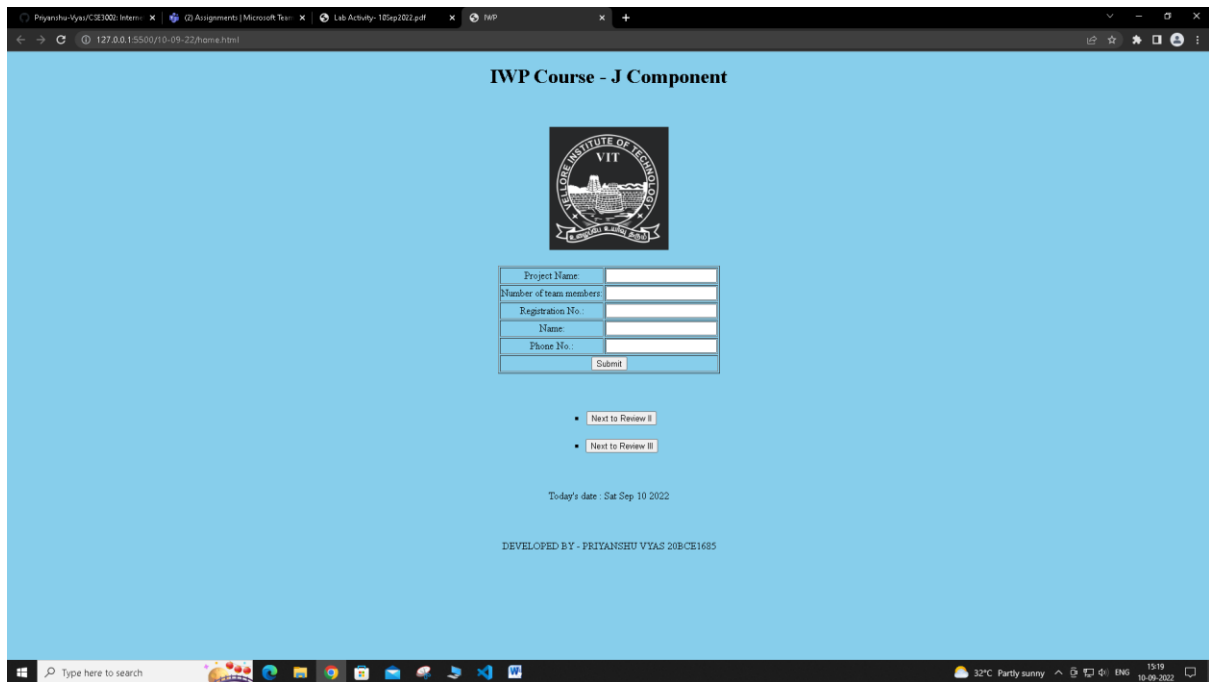
```

```

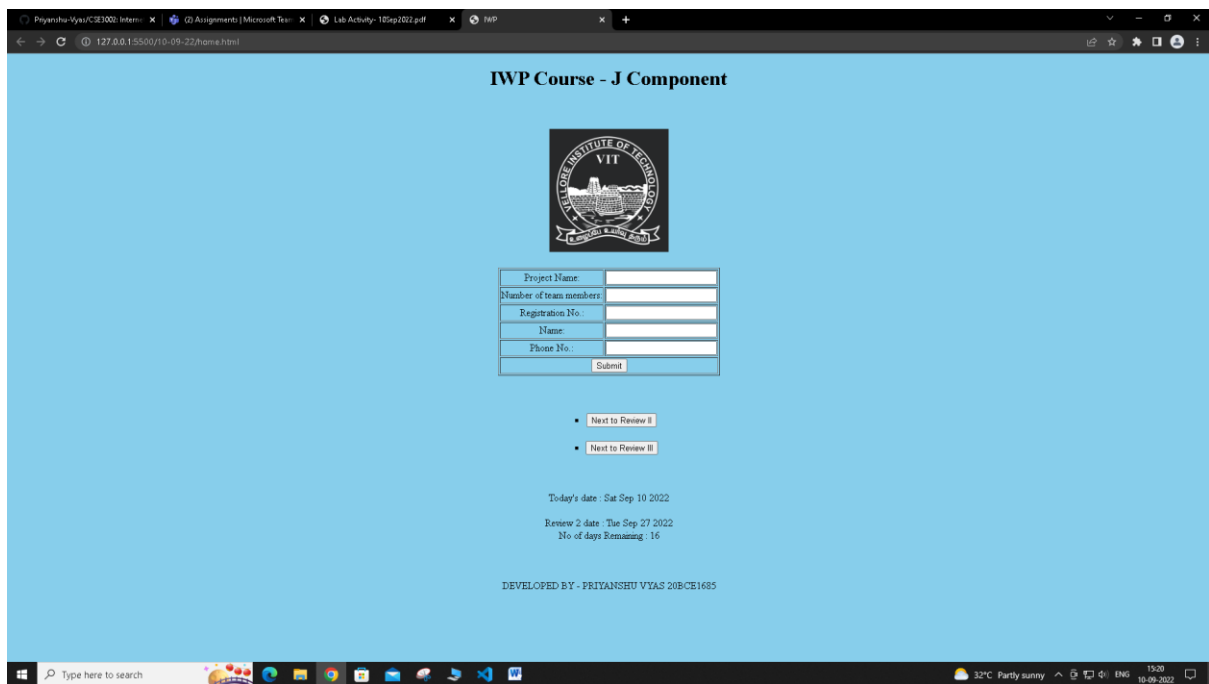
        const td11 = document.createTextNode("No of days Remaining : " +
Math.floor((d2 - d1) / (24 * 60 * 60 * 1000)))
        dates.appendChild(td11);
        dates.insertAdjacentHTML(
            'beforeend',
            '<br><br>',
        );
    }
    function Review3(){
        var d3 = new Date("2022-11-08");
        const td2 = document.createTextNode("Review 3 date : " +
d3.toString())
        dates.appendChild(td2);
        dates.insertAdjacentHTML(
            'beforeend',
            '<br>',
        );
        const td21 = document.createTextNode("No of days Remaining : " +
Math.floor((d3 - d1) / (24 * 60 * 60 * 1000)))
        dates.appendChild(td21);
        dates.insertAdjacentHTML(
            'beforeend',
            '<br>',
        );
    }
</script>
<br>
<br>
<footer>
    DEVELOPED BY - PRIYANSHU VYAS 20BCE1685
</footer>
</body>
</html>

```

Output:



After clicking on button “Next to ReviewII” :



After clicking on button “Next to ReviewIII” :

Project Name:	
Number of team members:	
Registration No.:	
Name:	
Phone No.:	
	Submit

- Next to Review II
- Next to Review III

Today's date : Sat Sep 10 2022  
Review 2 date : Tue Sep 27 2022  
No of days Remaining : 16  
Review 3 date : Tue Nov 08 2022  
No of days Remaining : 58

DEVELOPED BY - PRIYANSHU VYAS 20BCE1685

Name: Priyanshu Vyas

Reg No. 20BCE1685

Course: CSE3001 Internet and Web programming

Title: Lab 8

### Question:

Consider the portal created as part of your project.

- i) Use regular expression to check the data in the form.
- ii) Instead of type as “email “, use “text” type and appropriate regular expression to check the input provided

### Code:

Main.html

```
<!DOCTYPE html>
<!--PRIYANSHU VYAS 20BCE1685-->
<html>

<head>
  <title>CONTACT US</title>
  <link rel="stylesheet" href="main.css">
  <link rel="script" href="main.js">
</head>

<body bgcolor="black">
  <header id="header">
    <h1><a class="a" href="form.html" style="color:
black;">CONTACT US</a></h1>
  </header>
  <div class="outerbox">
    <div class="innerbox">
      <p>LEAVE US A MESSAGE</p>
      <hr>
      <div class="MyForm">
        <form onsubmit="return validateForm()">
          <table>
            <tr>
              <td>Your Name</td>
              <td><input type="text" name="name"></td>
```

```

        </tr>
        <tr>
            <td>Your Email</td>
            <td><input type="text" name="email"></td>
        </tr>
        <tr>
            <td>Your Mobile Number</td>
            <td><input type="text" name="no"></td>
        </tr>
        <tr>
            <td>Topic</td>
            <td><select id="topic">
                <option value="none">----- Please
Select -----</option>
                <option
value="feedback">Feedback</option>
                <option
value="question">Question</option>
                <option
value="quotation">Quotation</option>
                <option
value="Others">Others</option>
            </select></td>
        </tr>
        <tr>
            <td>Your Message</td>
            <td><textarea placeholder="Your Message"
name="msg"></textarea></td>
        </tr>
        <tr>
            <td>Enter the code in the box</td>
            <td><input type="text" name="cap">
            </td>
        </tr>
        <tr align="center">
            <td colspan="2"><input type="submit"></td>
        </tr>
    </table>
</form>
</div>
</div>
</div>

```

```
<footer class="footer">
  DEVELOPED BY PRIYANSHU VYAS - 20BCE1685
</footer>
</body>

</html>
```

Main.css

```
.innerbox {
  background-color: white;
  padding: 3%;
}
#header {
  background-color: grey;
  margin: 5%;
  padding: 2%;
  margin-bottom: 0;
}
#header h1 {
  overflow: hidden;
  border-right: .15em solid black;
  white-space: nowrap;
  margin: 0 auto;
  letter-spacing: .15em;
  animation:
    typing 5s steps(40,end),
    blink-caret .75s step-end infinite;
}
@keyframes typing {
  from { width: 0 }
  to { width: 40% }
}
@keyframes blink-caret {
  from, to { border-color: transparent }
  50% { border-color: grey; }
}

.outerbox {
  background-color: grey;
  margin: 5%;
  margin-top: 0;
```



```

        padding: 2%;
    }
    footer {
        margin: 5%;
    }
    .MyForm {
        display: flex;
        justify-content: center;
        padding: 5%;
    }

```

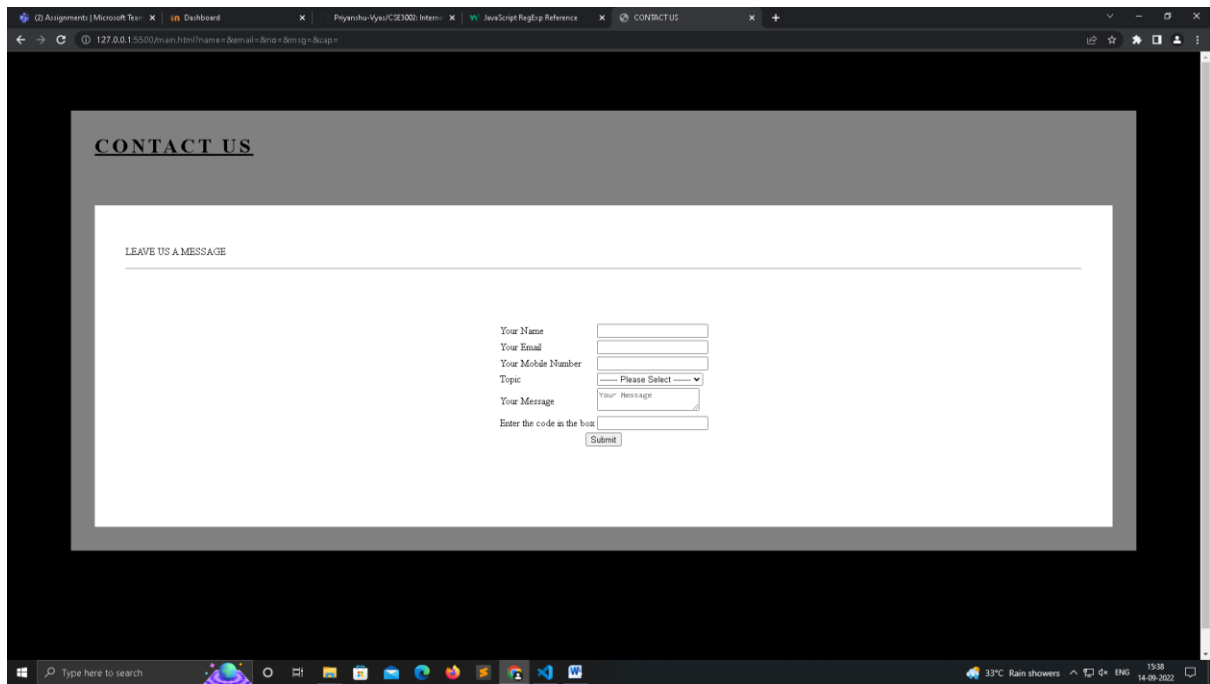
Main.js:

```

function validateForm() {
    var x = document.forms["MyForm"]["name"].value;
    if (x != "^[a-zA-Z]+(([',. -][a-zA-Z ])?[a-zA-Z]*)*$") {
        alert("Name must be in proper format!!");
        return false;
    }
    var y = document.forms["MyForm"]["email"].value;
    if (y != "^[w-.] + @([w-] + .) + [w-]{2,4}$") {
        alert("Email must be in proper format!!");
        return false;
    }
    var z = document.forms["MyForm"]["no"].value;
    if (z != "^[+]?( )?[0-9]{3}( )?[-s.]?[0-9]{3}[-s.]?[0-9]{4,6}$") {
        alert("Number must in proper format!!");
        return false;
    }
}

```

Output:



**Name: Priyanshu Vyas**

**Reg No. 20BCE1685**

**Course: CSE3002 Internet Web Programming**

**Title: Lab-9 [21-09-2022]**

Question:

Create a page to display your Project information like title of your project, Team members' details...Use text file for "Description" of your project and display the same using Ajax, while clicking on "Description". Individual team members[Name, Regno, Hobby, Phno, cgpa]info has to be appended using JQuery in the portal, while clicking on any team member's Regno. Add new class while hovering over the members and add few CSS properties.

Code:

```
<!DOCTYPE html>

<!-- PRIYANSHU VYAS 20BCE1685 -->

<!-- Project information -->

<html>

<head>

<title>Ajax with JQuery</title>

<style>

#container {

    opacity: 0.8;

    background-color: #ccc;

    position: fixed;

    width: 100%;

    height: 100%;

    top: 0px;

    left: 0px;

    z-index: 1000;

    background: lightblue;

    text-align: center;
```

```
}

.table td a {

    color: black;

}

#details {

    display: flex;

    justify-content: center;

    column-gap: 7%;

}

</style>

</head>

<body>

<div id="container">

    <h1>Project Title: Computer Accessories</h1>

    <br />

    <button id="des">Click here to see project Description</button>

    <br />

    <p id="desc"></p>

    <br />

    <br />

    <div id="details">

        <table border class="table">

            <th>Team Members</th>

            <th>Reg No.</th>

            <tr>

                <td>Priyanshu Vyas</td>

                <td><button id="20bce1685">20BCE1685</button></td>

            </tr>

        </table>

    </div>

</div>

</body>

</html>
```

```

</tr>

<tr>

<td>Aditya Bhardwaj</td>

<td><button id="20bce1216">20BCE1216</button></td>

</tr>

<tr>

<td>Himanshu baid</td>

<td><button id="20bce1259">20BCE1159</button></td>

</tr>

</table>

<div id="20BCE1685"></div>

<div id="20BCE1216"></div>

<div id="20BCE1259"></div>

</div>

</div>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>

<script>

$(function () {

$("#des").click(function () {

const xhttp = new XMLHttpRequest();

xhttp.onload = function () {

$("#desc").html(this.responseText);

};

xhttp.open("GET", "desc.txt", true);

xhttp.send();

});

$("#20bce1685").click(function () {

```

```
const xhttp = new XMLHttpRequest();

xhttp.onload = function () {

    $("#20BCE1685").html(this.responseText);

};

xhttp.open("GET", "20BCE1685.txt", true);

xhttp.send();

});

$("#20bce1216").click(function () {

const xhttp = new XMLHttpRequest();

xhttp.onload = function () {

    $("#20BCE1216").html(this.responseText);

};

xhttp.open("GET", "20BCE1216.txt", true);

xhttp.send();

});

$("#20bce1259").click(function () {

const xhttp = new XMLHttpRequest();

xhttp.onload = function () {

    $("#20BCE1259").html(this.responseText);

};

xhttp.open("GET", "20BCE1259.txt", true);

xhttp.send();

});

});

</script>

</body>

</html>
```

## text-files:

The screenshot shows the Visual Studio Code interface with the following files and code:

- desc.txt**:

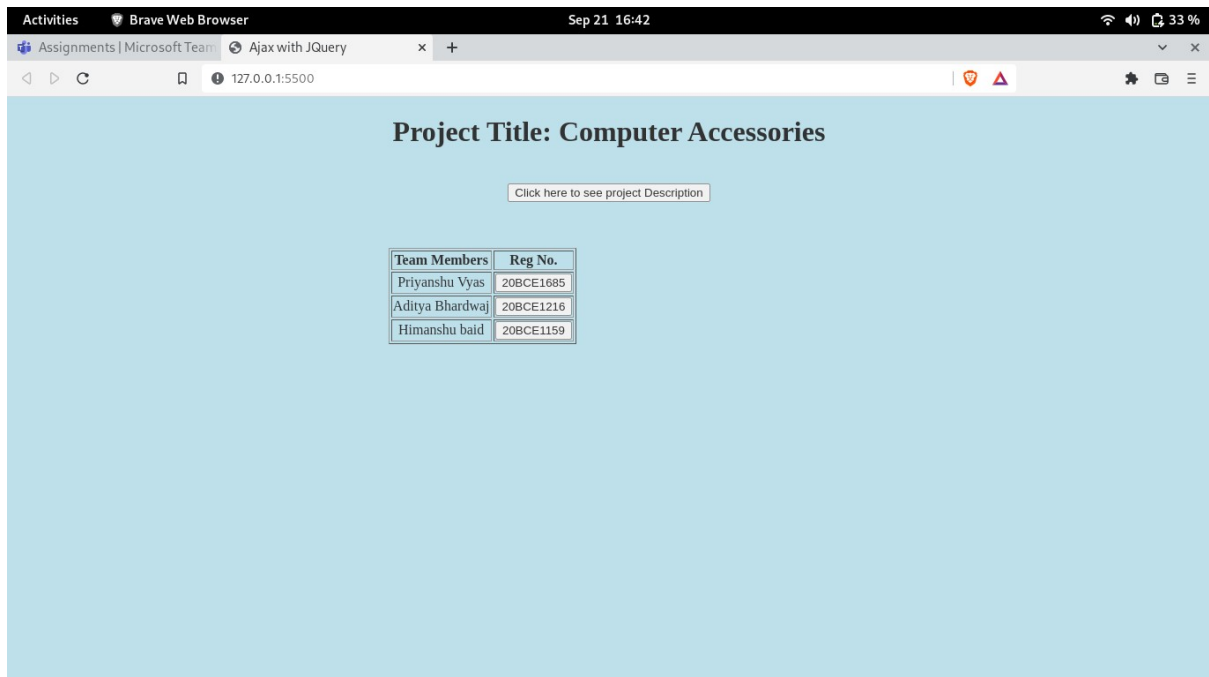
```
1 Project Description:  
2  
3 This is a web based project to buy and sell  
   accessories online from your home.
```
- 20BCE1685.txt**:

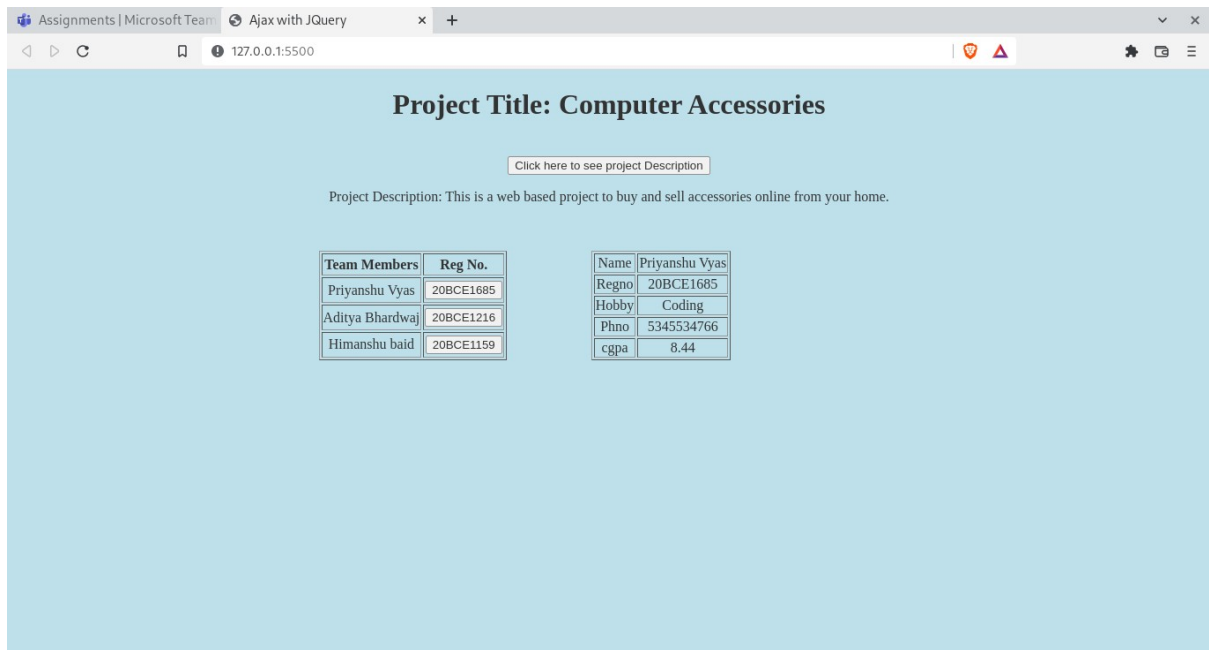
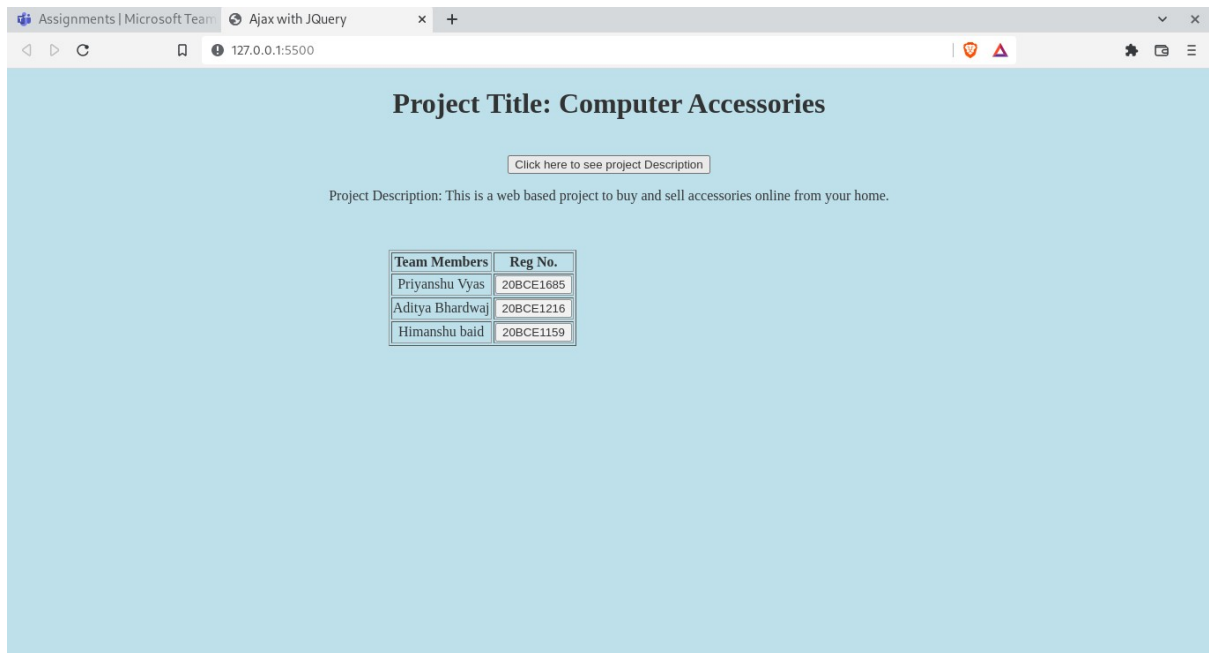
```
1 <table border="">  
2   <tr>  
3     <td>Name</td>  
4     <td>Priyanshu Vyas</td>  
5   </tr>  
6   <tr>  
7     <td>Regno</td>  
8     <td>20BCE1685</td>  
9   </tr>  
10  <tr>  
11    <td>Hobby</td>  
12    <td>Coding</td>  
13  </tr>  
14  <tr>  
15    <td>Phno</td>  
16    <td>5345534766</td>  
17  </tr>  
18  <tr>  
19    <td>cgpa</td>  
20    <td>8.44</td>  
21  </tr>  
22 </table>
```
- 20BCE1259.txt**:

```
1 <table border>  
2   <tr>  
3     <td>Name</td>  
4     <td>Himanshu Baid</td>  
5   </tr>  
6 </table>
```
- 20BCE1216.txt**:

```
1 <table border>  
2   <tr>  
3     <td>Name</td>  
4     <td>Aditya Bhardwaj</td>  
5   </tr>  
6   <tr>  
7     <td>Regno</td>  
8     <td>20BCE1216</td>  
9   </tr>  
10  <tr>  
11    <td>Hobby</td>  
12    <td>Development</td>  
13  </tr>  
14  <tr>  
15    <td>Phno</td>  
16    <td>4354554435</td>  
17  </tr>  
18  <tr>  
19    <td>cgpa</td>  
20    <td>8.70</td>  
21  </tr>  
22 </table>
```

## Output:







Assignments | Microsoft TeamAjax with JQuery127.0.0.1:5500

Project Title: Computer Accessories

[Click here to see project Description](#)

Project Description: This is a web based project to buy and sell accessories online from your home.

Team Members	Reg No.
Priyanshu Vyas	20BCE1685
Aditya Bhardwaj	20BCE1216
Himanshu baid	20BCE1159

Name	Priyanshu Vyas
Regno	20BCE1685
Hobby	Coding
Phno	5345534766
cgpa	8.44

Name	Aditya Bhardwaj
Regno	20BCE1216
Hobby	Development
Phno	4354554435
cgpa	8.70

Assignments | Microsoft TeamAjax with JQuery127.0.0.1:5500

Project Title: Computer Accessories

[Click here to see project Description](#)

Project Description: This is a web based project to buy and sell accessories online from your home.

Team Members	Reg No.
Priyanshu Vyas	20BCE1685
Aditya Bhardwaj	20BCE1216
Himanshu baid	20BCE1159

Name	Priyanshu Vyas
Regno	20BCE1685
Hobby	Coding
Phno	5345534766
cgpa	8.44

Name	Aditya Bhardwaj
Regno	20BCE1216
Hobby	Development
Phno	4354554435
cgpa	8.70

Name	Himanshu Baid
Regno	20BCE1259
Hobby	Programming
Phno	5948595409
cgpa	8.20

Name: Priyanshu Vyas

Reg No. 20BCE1685

Course: CSE3002 Internet and web programming

Title: Lab Activity – 28 Sept 2022

1. Assume that you are sending a 4-digit ATM PIN to your friend through email. For security purpose, PIN gets encrypted based on the following points:

- (a). Reverse the 4-digit PIN. [If pin is 4567, then reversed pin is 7654]
- (b). In the reversed PIN, add 7 to each digit. [14,13,12,11]
- (c). Replace each digit with remainder value after dividing by 10. [4321]
- (d). Swap the first digit with the third digit. [2341]
- (e). Swap the second digit with the fourth. Then print the encrypted integer. [2143]

Actual PIN: 4567, then the Encrypted PIN: 2143

Develop a PHP program using while loop to decrypt the pin, that is if 2143 is given as an input, then it should print 4567 as an output.

```
<?php
$pin = 4567;
//$pin = (int)readline('Enter a Pin: ');

echo "\n\nPin $pin\n\n";

$arr = array();

//reverse, +7, %10
while ($pin > 1)
{
    array_push($arr,((( $pin % 10 )+ 7)%10));
    $pin = ($pin / 10);
}

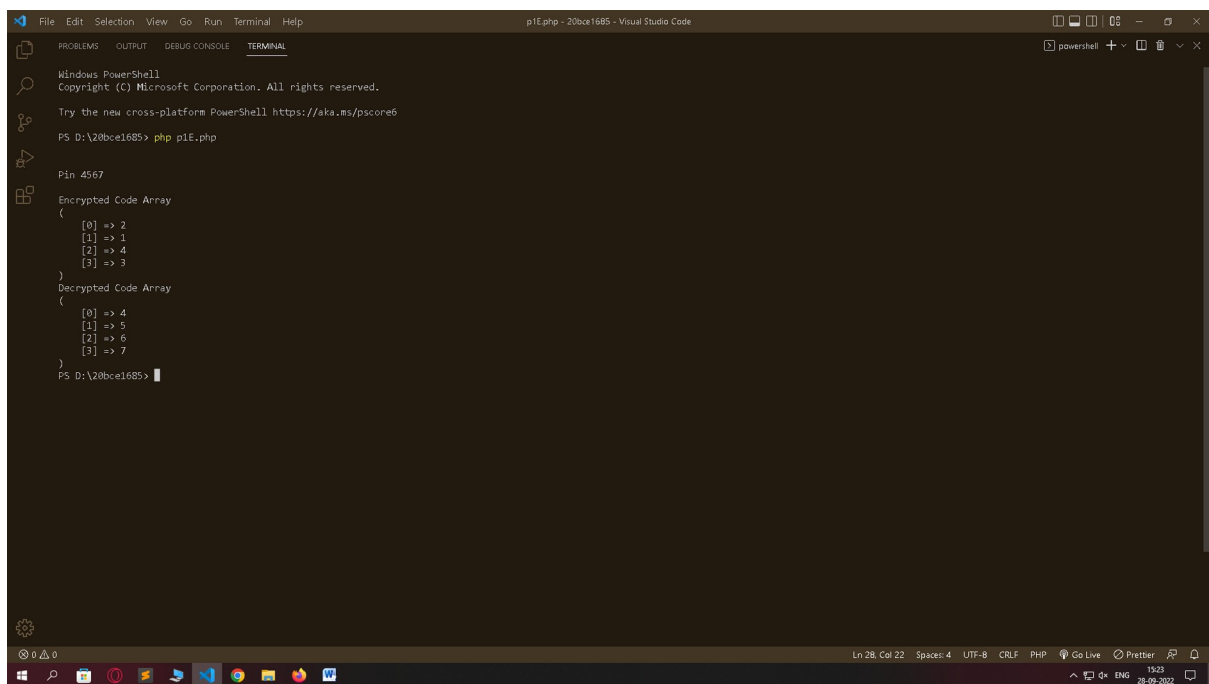
// Alternate swapping
for($i=0;$i<sizeof($arr)/2;$i++)
{
    $temp=$arr[$i];
    $arr[$i]=$arr[$i+2];
    $arr[$i+2]=$temp;
}

echo "Encrypted Code ";
print_r($arr);
```

```
for($i=0;$i<sizeof($arr)/2;$i++)
{
    $temp=$arr[$i]+3;
    $arr[$i]=$arr[$i+2]+3;
    $arr[$i+2]=$temp;
}
$arr = array_reverse($arr);

echo "Decrypted Code ";
print_r($arr);

?>
```



The screenshot shows a Visual Studio Code window with a terminal open. The terminal is running a PowerShell session where a PHP script named 'p1E.php' has been executed. The output of the script is displayed in the terminal, showing two arrays: 'Encrypted Code Array' and 'Decrypted Code Array'.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\20bce1685> php p1E.php

Pin 4567

Encrypted Code Array
(
    [0] => 2
    [1] => 1
    [2] => 4
    [3] => 3
)
Decrypted Code Array
(
    [0] => 4
    [1] => 5
    [2] => 6
    [3] => 7
)
PS D:\20bce1685>
```

The status bar at the bottom of the window indicates the current file is 'p1E.php' at line 28, column 22, with a UTF-8 encoding and CRLF line endings. The PHP language mode is active, and the Prettier formatter is enabled. The system clock shows 15:23 on 28-09-2022.

2. An online retailer sells three different products whose retail prices are shown in the following table:

Product ID	Retail price - INR
1	1500
2	1800
3	2100

Write a php program to fetch the quantity of purchase of each of the three items on a day and print the individual cost of the products sold and the overall cost of all the products sold.

```
<?php
$q1 = (int)readline("Quantity(1) : ");
$q2 = (int)readline("Quantity(2) : ");
$q3 = (int)readline("Quantity(3) : ");
$r1 = 1500;
$r2 = 1800;
$r3 = 2100;
$p1 = $q1*$r1;
$p2 = $q2*$r2;
$p3 = $q3*$r3;
echo "Cost(1) : $p1 \n";
echo "Cost(2) : $p2 \n";
echo "Cost(3) : $p3 \n";
echo "Cost(Total) : ".$p1+$p2+$p3;
?>
```

```
priyanshu@priyanshu-HP-Notebook: /opt/lampp/htdocs/28sep$ php p2.php
Quantity(1) : 10
Quantity(2) : 20
Quantity(3) : 30
Cost(1) : 15000
Cost(2) : 36000
Cost(3) : 63000
Cost(Total) : 114000priyanshu@priyanshu-HP-Notebook: /opt/lampp/htdocs/28sep$
```

3. Consider the form that you have created as part of your project, once submitted, redirect to a new php file and display the details using global variable.

```
<?php
```

```
$name=$_POST['name'];
```

```
$email=$_POST['email'];
```

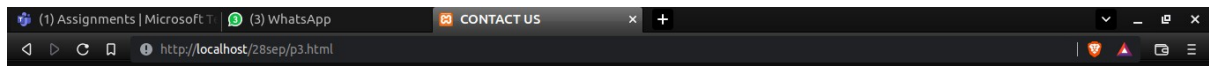
```
$mobile=$_POST['no'];
```

```
$topic=$_POST['topic'];
```

```
$msg=$_POST['msg'];
```

```
echo "NAME: $name <br> <br> EMAIL: $email <br> <br> MOBILE: $mobile  
<br> <br> TOPIC: $topic <br> <br> MESSAGE: $msg <br> <br> ";
```

```
?>
```

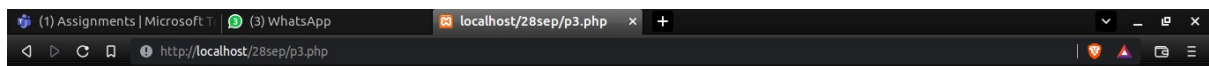


## CONTACT US

LEAVE US A MESSAGE

Your Name	<input type="text" value="Priyanshu Vyas"/>
Your Email	<input type="text" value="myemail@gmail.com"/>
Your Mobile Number	<input type="text" value="1234567890"/>
Topic	<input type="text" value="Question"/>
Your Message	<input type="text" value="How to change Username?"/>
Enter the code in the box	<input type="text" value="ok"/>
	<input type="button" value="Submit"/>

DEVELOPED BY PRIYANSHU VYAS -20BCE1685



NAME: Priyanshu Vyas

EMAIL: myemail@gmail.com

MOBILE: 1234567890

TOPIC: question

MESSAGE: How to change Username?