

Mid-Term Examination

Name : Jiya Modi

Enrollment No.: 202332700094

Section : Cloud B

Department : CPC

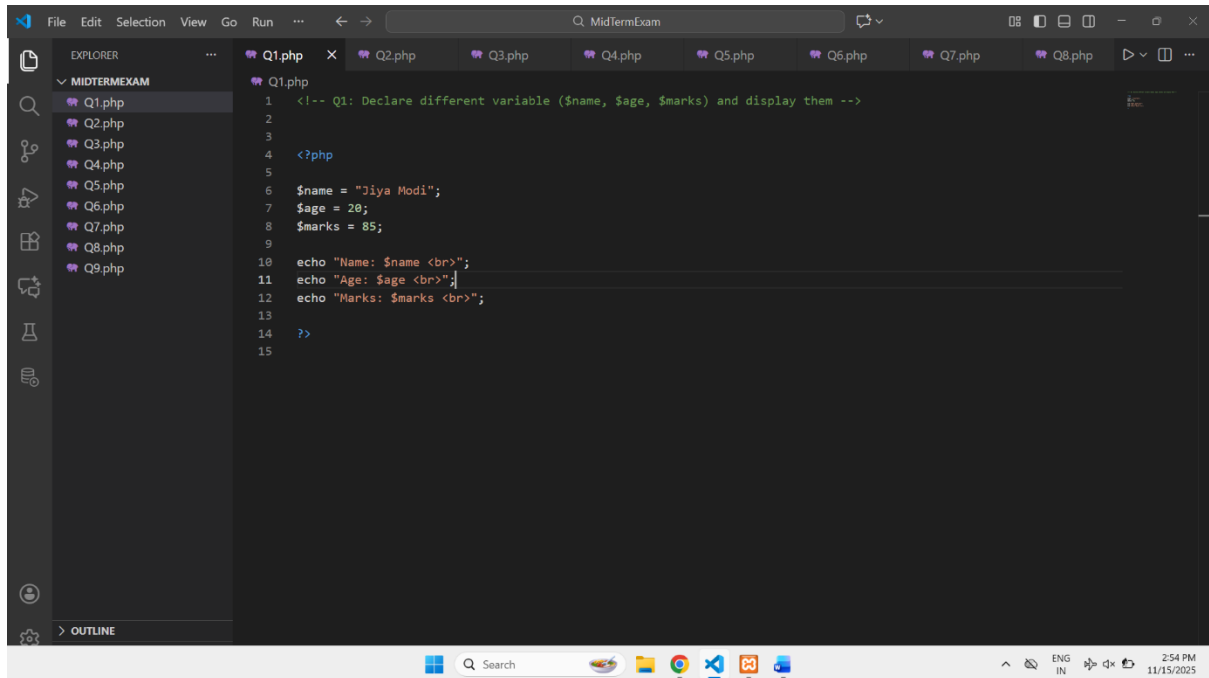
Date : 15/11/2025

Subject : Web Technology - 2

Subject Code : DSC-C-CAD-353P

Q1

Answer:

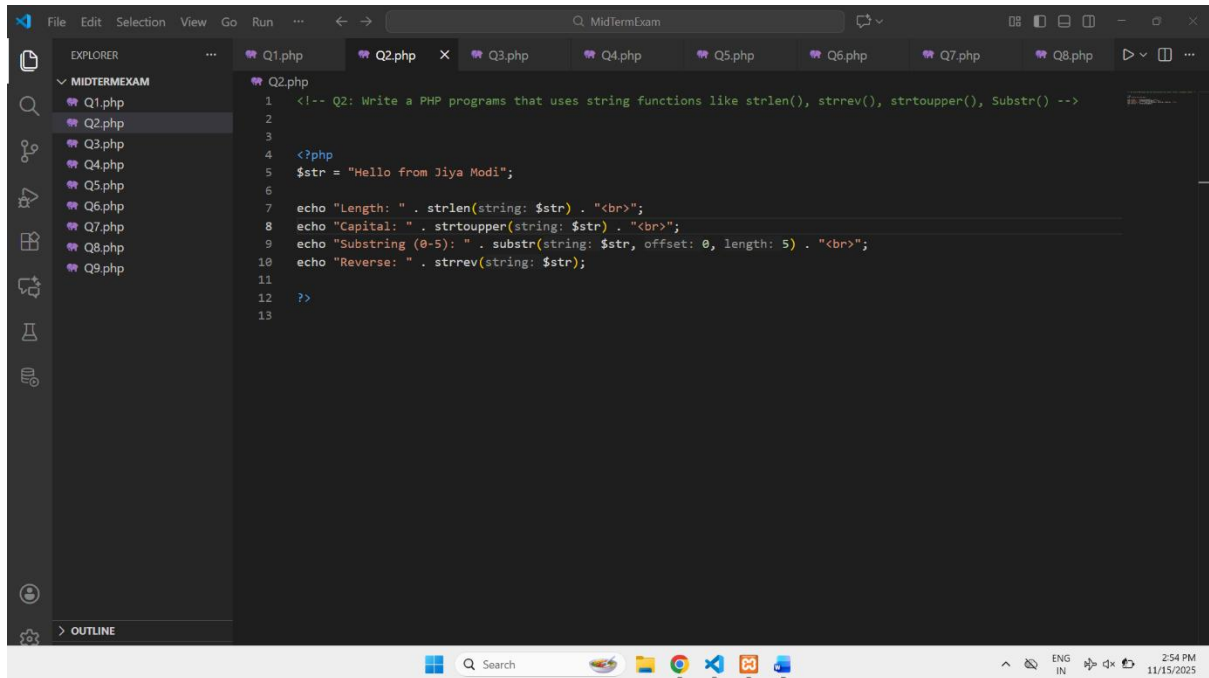


```
Q1.php
1  <!-- Q1: Declare different variable ($name, $age, $marks) and display them -->
2
3
4  <?php
5
6  $name = "Jiya Modi";
7  $age = 20;
8  $marks = 85;
9
10 echo "Name: $name <br>";
11 echo "Age: $age <br>";
12 echo "Marks: $marks <br>";
13
14 ?>
15
```

Name: Jiya Modi
Age: 20
Marks: 85

Q2:

Answer:



```
1 <!-- Q2: Write a PHP programs that uses string functions like strlen(), strrev(), strtoupper(), Substr() -->
2
3
4 <?php
5 $str = "Hello from Jiya Modi";
6
7 echo "Length: " . strlen(string: $str) . "<br>";
8 echo "Capital: " . strtoupper(string: $str) . "<br>";
9 echo "Substring (0-5): " . substr(string: $str, offset: 0, length: 5) . "<br>";
10 echo "Reverse: " . strrev(string: $str);
11
12 ?>
13
```

Length: 20

Capital: HELLO FROM JIYA MODI

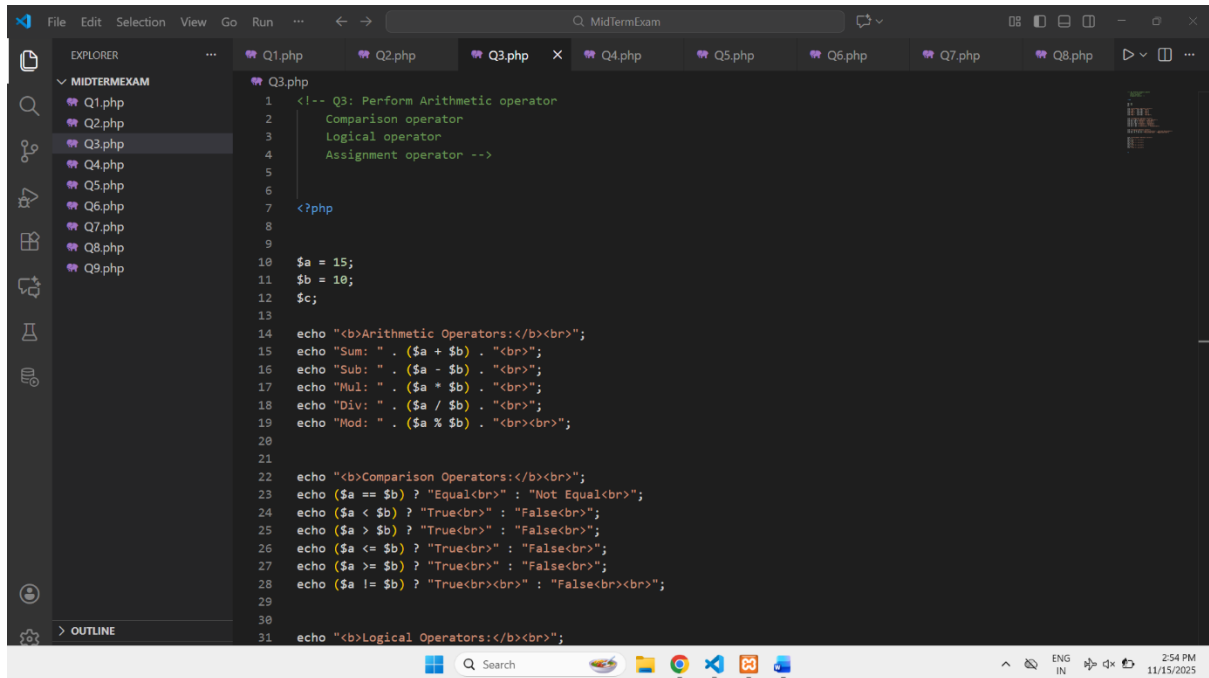
Substring (0-5): Hello

Reverse: idoM ayiJ morf olleH

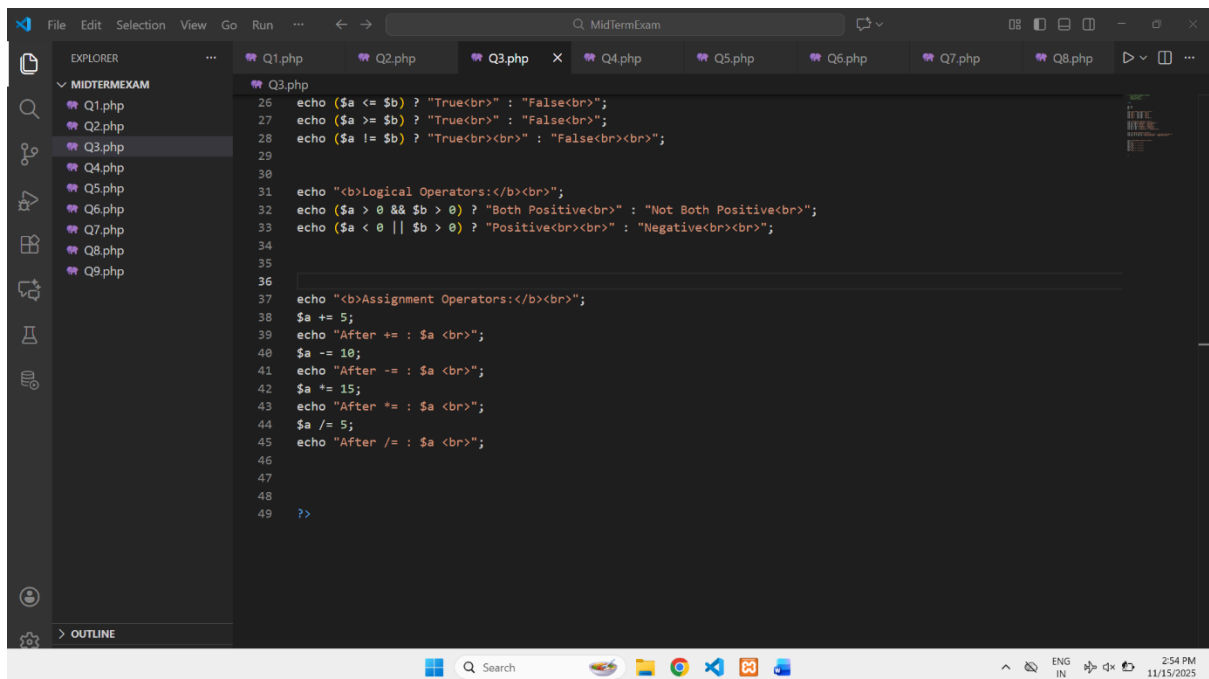


Q3:

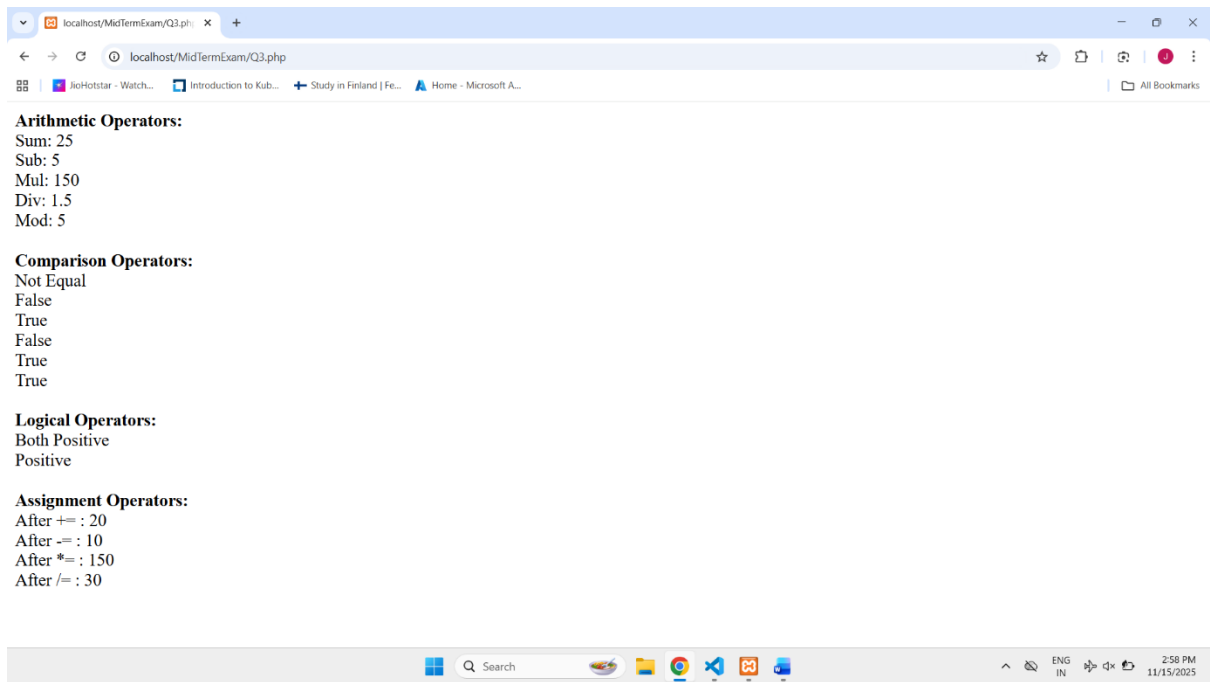
Answer:



```
1 <!-- Q3: Perform Arithmetic operator
2     Comparison operator
3     Logical operator
4     Assignment operator -->
5
6
7 <?php
8
9
10 $a = 15;
11 $b = 10;
12 $c;
13
14 echo "<b>Arithmetic Operators:</b><br>";
15 echo "Sum: " . ($a + $b) . "<br>";
16 echo "Sub: " . ($a - $b) . "<br>";
17 echo "Mul: " . ($a * $b) . "<br>";
18 echo "Div: " . ($a / $b) . "<br>";
19 echo "Mod: " . ($a % $b) . "<br><br>";
20
21
22 echo "<b>Comparison Operators:</b><br>";
23 echo ($a == $b) ? "Equal<br>" : "Not Equal<br>";
24 echo ($a < $b) ? "True<br>" : "False<br>";
25 echo ($a > $b) ? "True<br>" : "False<br>";
26 echo ($a <= $b) ? "True<br>" : "False<br>";
27 echo ($a >= $b) ? "True<br>" : "False<br>";
28 echo ($a != $b) ? "True<br><br>" : "False<br><br>";
29
30
31 echo "<b>Logical Operators:</b><br>";
```

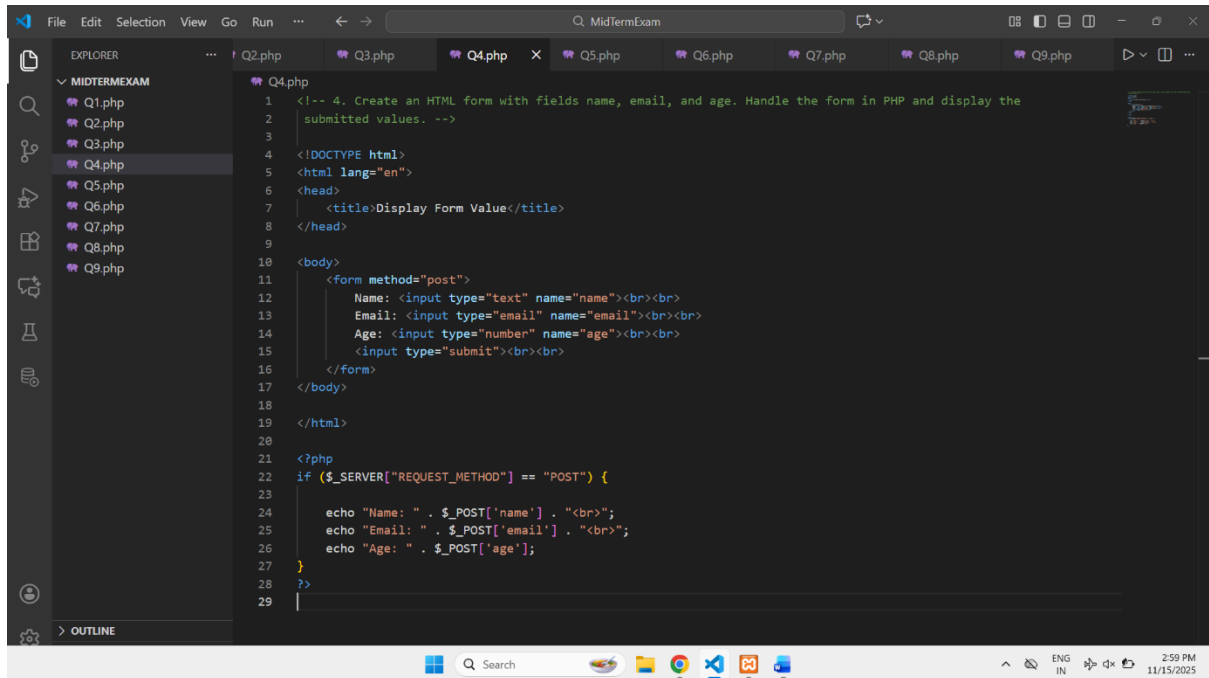


```
26 echo ($a <= $b) ? "True<br>" : "False<br>";
27 echo ($a >= $b) ? "True<br>" : "False<br>";
28 echo ($a != $b) ? "True<br><br>" : "False<br><br>";
29
30
31 echo "<b>Logical Operators:</b><br>";
32 echo ($a > 0 && $b > 0) ? "Both Positive<br>" : "Not Both Positive<br>";
33 echo ($a < 0 || $b > 0) ? "Positive<br><br>" : "Negative<br><br>";
34
35
36
37 echo "<b>Assignment Operators:</b><br>";
38 $a += 5;
39 echo "After += : $a <br>";
40 $a -= 10;
41 echo "After -= : $a <br>";
42 $a *= 15;
43 echo "After *= : $a <br>";
44 $a /= 5;
45 echo "After /= : $a <br>";
46
47
48
49 ?>
```

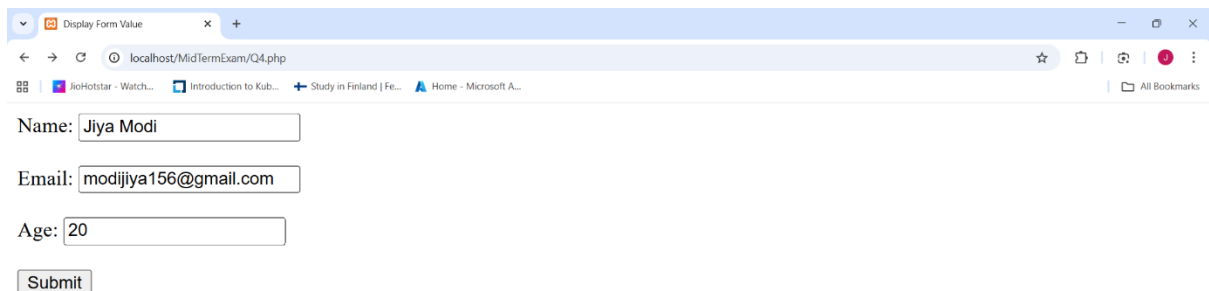


Q4:

Answer:



```
1 <!-- 4. Create an HTML form with fields name, email, and age. Handle the form in PHP and display the
2 submitted values. -->
3
4 <!DOCTYPE html>
5 <html lang="en">
6 <head>
7   <title>Display Form Value</title>
8 </head>
9
10 <body>
11   <form method="post">
12     Name: <input type="text" name="name"><br><br>
13     Email: <input type="email" name="email"><br><br>
14     Age: <input type="number" name="age"><br><br>
15     <input type="submit"><br><br>
16   </form>
17 </body>
18 </html>
19
20
21 <?php
22 if ($_SERVER["REQUEST_METHOD"] == "POST") {
23
24   echo "Name: " . $_POST['name'] . "<br>";
25   echo "Email: " . $_POST['email'] . "<br>";
26   echo "Age: " . $_POST['age'];
27 }
28 ?>
29 |
```



Display Form Value

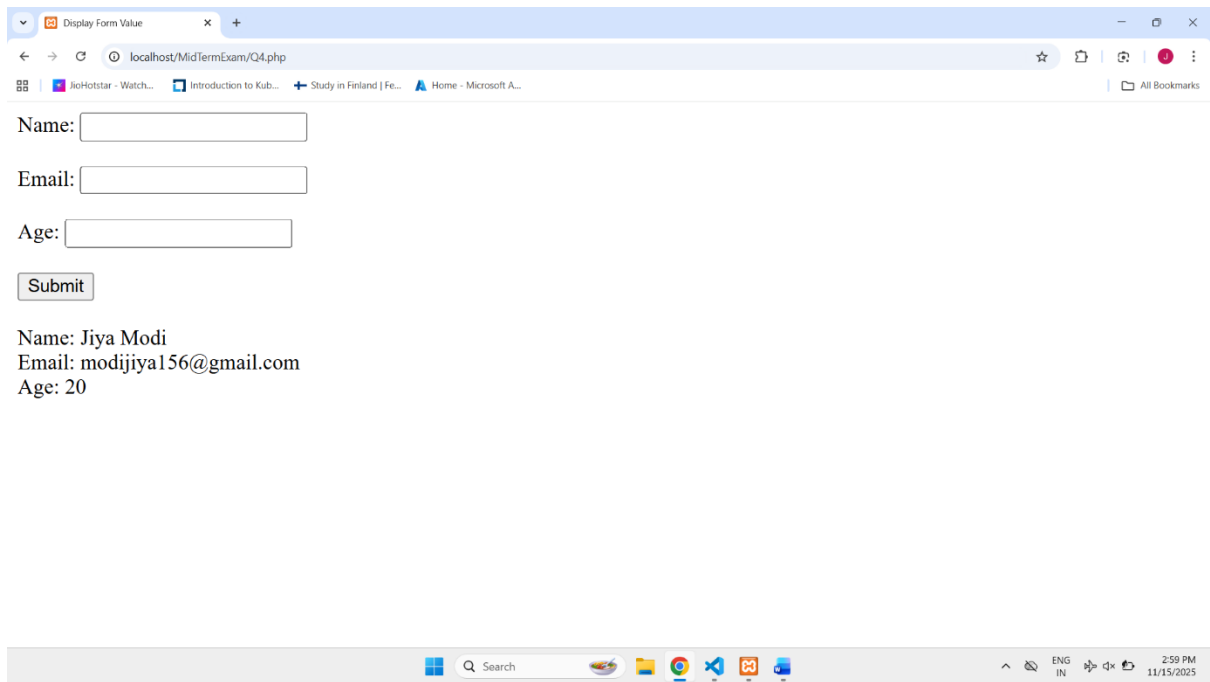
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Name:

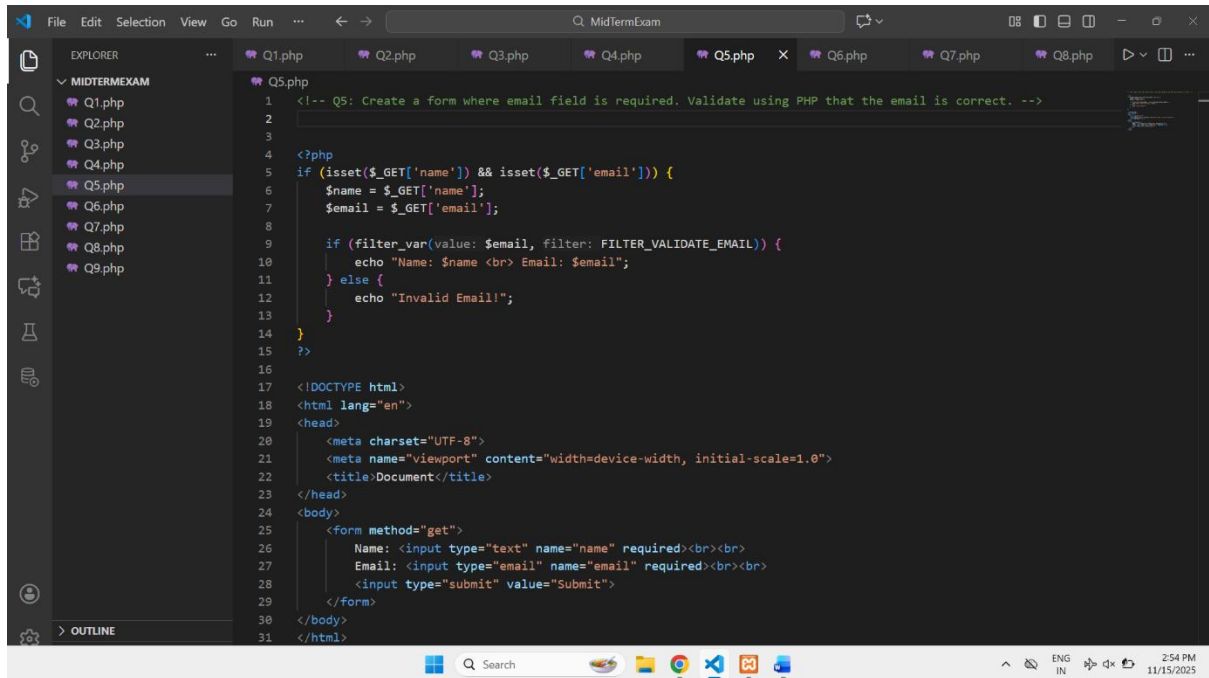
Email:

Age:



Q5:

Answer:



```
1 <!-- Q5: Create a form where email field is required. Validate using PHP that the email is correct. -->
2
3
4 <?php
5 if (isset($_GET['name']) && isset($_GET['email'])) {
6     $name = $_GET['name'];
7     $email = $_GET['email'];
8
9     if (filter_var(value: $email, filter: FILTER_VALIDATE_EMAIL)) {
10         echo "Name: $name <br> Email: $email";
11     } else {
12         echo "Invalid Email!";
13     }
14 }
15 ?>
16
17 <!DOCTYPE html>
18 <html lang="en">
19 <head>
20     <meta charset="UTF-8">
21     <meta name="viewport" content="width=device-width, initial-scale=1.0">
22     <title>Document</title>
23 </head>
24 <body>
25     <form method="get">
26         Name: <input type="text" name="name" required><br><br>
27         Email: <input type="email" name="email" required><br><br>
28         <input type="submit" value="Submit">
29     </form>
30 </body>
31 </html>
```

Name:

Email:


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localhost/MidTermExam/Q5.php

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Name:

Email:

 Please fill in this field.

Submit

Windows Taskbar: Search, File Explorer, Chrome, VS Code, Docker, OneDrive, 2:59 PM 11/15/2025


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localhost/MidTermExam/Q5.php

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localhost/MidTermExam/Q5.php?name=Jiya+Modi&email=sjdbc%40sdbk

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Invalid Email!

Name:

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localhost/MidTermExam/Q5.php?name=Jiya+Modi&email=sjdb%40sdbk

Invalid Email!

Name:

Email:

Q Search

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localhost/MidTermExam/Q5.php?name=Jiya+Modi&email=modijiya156%40gmail.com

Name: Jiya Modi

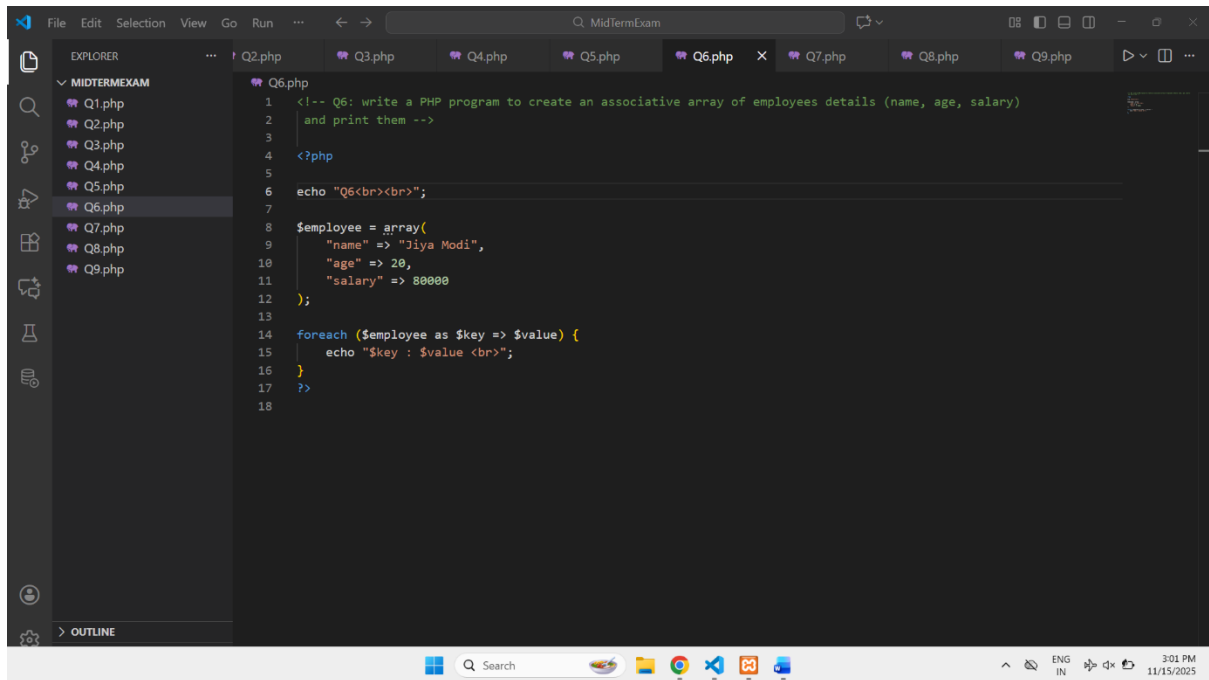
Email: modijiya156@gmail.com

Name:

Email:

Q6:

Answer:



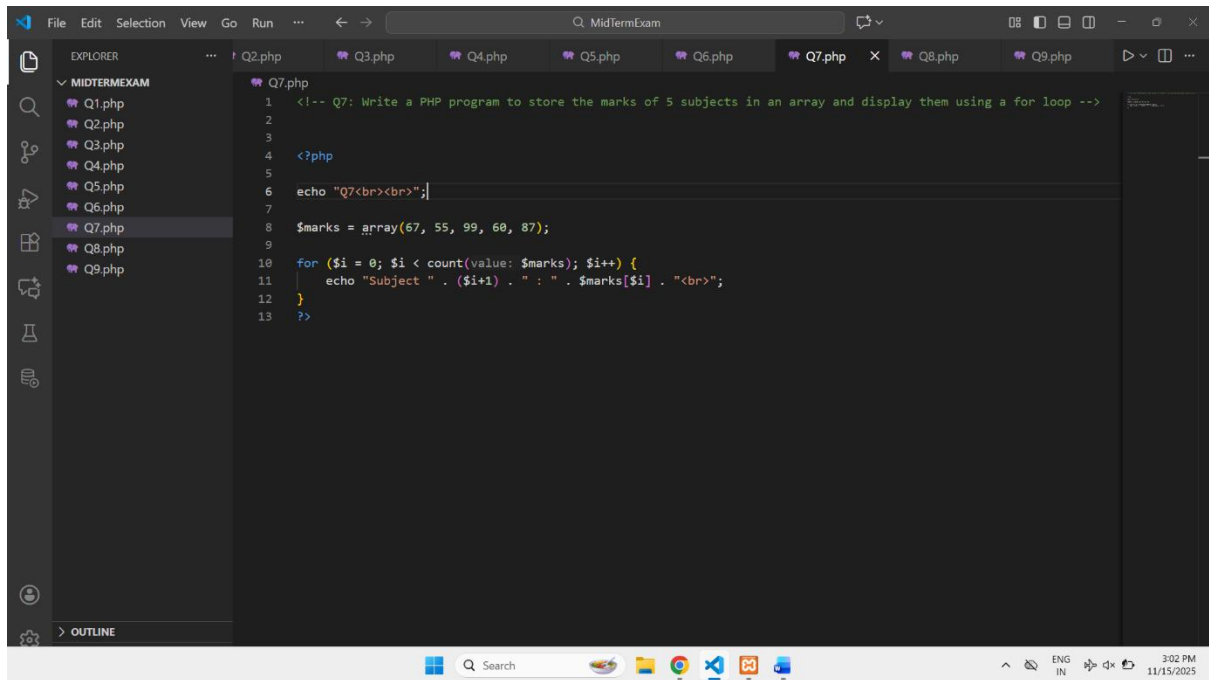
```
1 <!-- Q6: write a PHP program to create an associative array of employees details (name, age, salary)
2 and print them -->
3
4 <?php
5
6 echo "Q6<br><br>";
7
8 $employee = array(
9     "name" => "Jiya Modi",
10    "age" => 20,
11    "salary" => 80000
12 );
13
14 foreach ($employee as $key => $value) {
15     echo "$key : $value <br>";
16 }
17 ?>
18
```

Q6

name : Jiya Modi
age : 20
salary : 80000

Q7:

Answer:



```
1 <!-- Q7: Write a PHP program to store the marks of 5 subjects in an array and display them using a for loop -->
2
3
4 <?php
5
6 echo "Q7<br><br>";
7
8 $marks = array(67, 55, 99, 60, 87);
9
10 for ($i = 0; $i < count($marks); $i++) {
11     echo "Subject " . ($i+1) . " : " . $marks[$i] . "<br>";
12 }
13 ?>
```



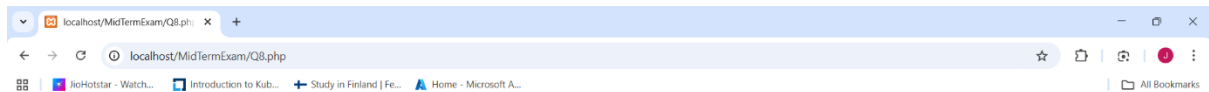
Q7

Subject 1 : 67
Subject 2 : 55
Subject 3 : 99
Subject 4 : 60
Subject 5 : 87



Q8:

Answer:

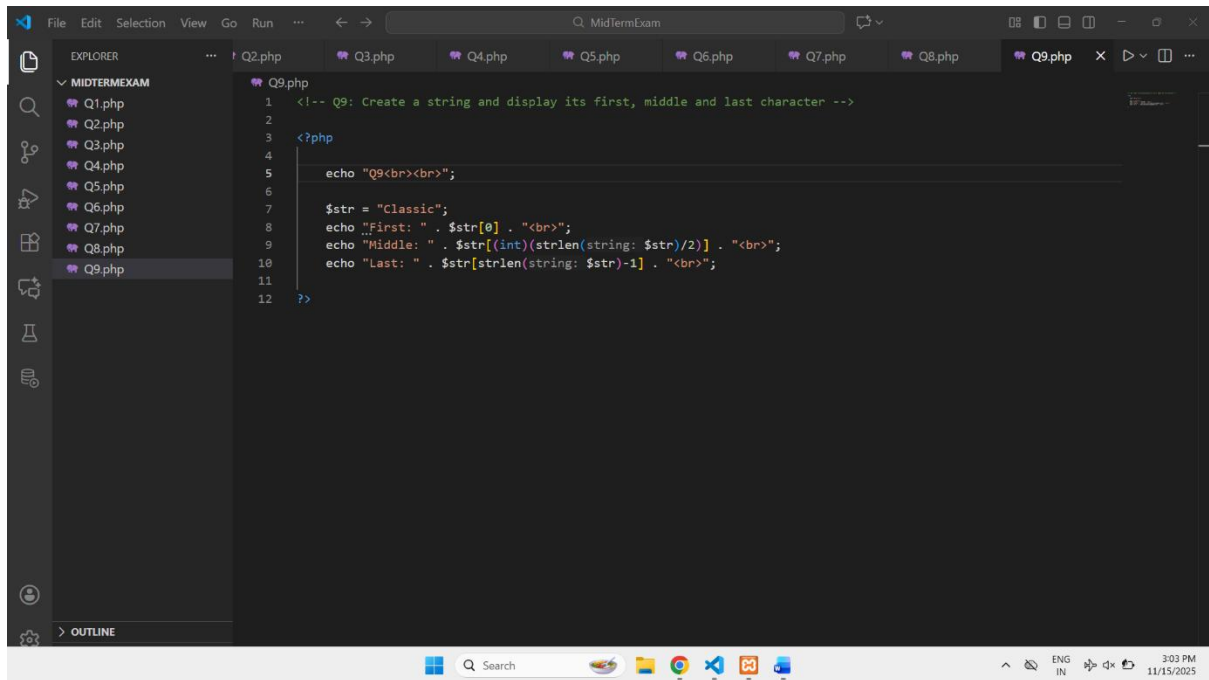


Q8

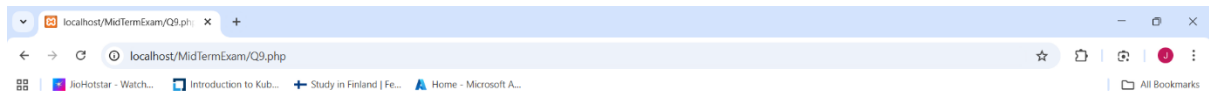
0 1 1 2 3 5 8 13 21 34

Q9:

Answer:



```
1 <!-- Q9: Create a string and display its first, middle and last character -->
2
3 <?php
4
5     echo "Q9<br><br>";
6
7     $str = "Classic";
8     echo "First: " . $str[0] . "<br>";
9     echo "Middle: " . $str[(int)(strlen($str)/2)] . "<br>";
10    echo "Last: " . $str[strlen($str)-1] . "<br>";
11
12 ?>
```



Q9

First: C
Middle: s
Last: c