



FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

BACHELOR OF COMPUTER SCIENCE (WEB TECHNOLOGY) WITH HONOURS

BIC21203 PEMBANGUNAN WEB LAB 5

NAME :
VIVETHAN MURUGAN

MATRIC NO :
CI230090

SECTION :
S5

LECTURER'S NAME : DR.NUR AFIQAH BINTI SAHADUN

SEMESTER II 2024/2025

LAB 5A QUESTION A

PHP CODE

```
<!DOCTYPE html>
<html>
<head>
    <title>Details Table</title>
</head>
<body>

<?php

$name = "Vivethan Murugan";
$matricNumber = "CI230090";
$course = "BIW";
$yearOfStudy = "3";
$address = "NO 16 JALAN PUSING 24 31550 PUSING PERAK";
?>

<h1>Student Details</h1>
<table border="1" cellpadding="5" cellspacing="0">
    <tr>
        <th>Field</th>
        <th>Details</th>
    </tr>
    <tr>
        <td>Name</td>
        <td><?php echo $name; ?></td>
    </tr>
    <tr>
        <td>Matric Number</td>
        <td><?php echo $matricNumber; ?></td>
    </tr>
    <tr>
        <td>Course</td>
        <td><?php echo $course; ?></td>
    </tr>
    <tr>
        <td>Year of Study</td>
        <td><?php echo $yearOfStudy; ?></td>
    </tr>
    <tr>
        <td>Address</td>
        <td><?php echo $address; ?></td>
    </tr>
</table>
</body>
</html>
```

OUTPUT

Student Details

Field	Details
Name	Vivethan Murugan
Matric Number	CI230090
Course	BIW
Year of Study	3
Address	NO 16 JALAN PUSING 24 31550 PUSING PERAK

LAB 5A QUESTION 2

PHP CODE

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Student Table</title>
5     <style>
6         table {
7             border-collapse: collapse;
8             width: 50%;
9             margin: 20px auto;
10        }
11        table, th, td {
12            border: 1px solid black;
13        }
14        th, td {
15            padding: 10px;
16            text-align: center;
17        }
18    </style>
19 </head>
20 <body>
21
22 <?php
23
24 $students = [
25     [
26         "Name" => "VIVETHAN MURUGAN",
27         "Program" => "BIW",
28         "Age" => 24
29     ],
30     [
31         "Name" => "YUVANESH SHANMUGAM",
32         "Program" => "BIW",
33         "Age" => 23
34     ],
35     [
36         "Name" => "VIKNEISHWAREN CHANDRAN",
37         "Program" => "BIT",
38         "Age" => 23
39     ]
40 ];
41
42
43 <h1 style="text-align: center;">Student Information</h1>
44 <table>
45     <tr>
46         <th>Name</th>
47         <th>Program</th>
48         <th>Age</th>
49     </tr>
50     <?php foreach ($students as $student): ?>
51     <tr>
52         <td><?php echo $student["Name"]; ?></td>
53         <td><?php echo $student["Program"]; ?></td>
54         <td><?php echo $student["Age"]; ?></td>
55     </tr>
56     <?php endforeach; ?>
57 </table>
58
59 </body>
60 </html>
```

OUTPUT

Student Information

Name	Program	Age
VIVETHAN MURUGAN	BIW	24
YUVANESH SHANMUGAM	BIW	23
VIKNEISHWAREN CHANDRAN	BIT	23

LAB 5A QUESTION 3

PHP CODE

```
<!DOCTYPE html>
<html>
<head>
  <title>Calculate Area of a Rectangle</title>
</head>
<body>

<h1>Rectangle Area Calculator</h1>
<form method="post">
  <label for="width">Width:</label>
  <input type="number" name="width" id="width" required>
  <br><br>
  <label for="height">Height:</label>
  <input type="number" name="height" id="height" required>
  <br><br>
  <button type="submit">Calculate</button>
</form>

<?php

function calculateArea($width, $height) {
  return $width * $height;
}

if ($_SERVER["REQUEST_METHOD"] === "POST") {
  // Retrieve user input
  $width = $_POST['width'];
  $height = $_POST['height'];

  $area = calculateArea($width, $height);

  echo "<h2>Results:</h2>";
  echo "The area of the rectangle with a width of $width and a height of $height is <strong>$area</strong>.";
}
?>

</body>
</html>
```

OUTPUT

Rectangle Area Calculator

Width:

Height:

Results:

The area of the rectangle with a width of 5 and a height of 6 is 30.