



# VIT<sup>®</sup>

**Vellore Institute of Technology**

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# Internet and Web Programming

(CSE – 3002)

## LAB ASSESSMENT – 6

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**Q1) Create a web application to display and update the menu of a restaurant. Menu data are stored in a text file called food.txt. Each line shows the menu of each day; for example:**

**MONDAY::~VEGETABLE SOUP::~GRILLED CHICKEN::~CHOCOLATE PUDDING** The first field is day info., the second is starter, and the third one is main course, the last one is dessert.

- a) Write a php file, food\_menu.php to display menu in a table format. Notice that each day is displayed in an ordered manner. Figure 1. Each day is a link to update\_form.php.
- b) Write a php file, update\_form.php. It displays a form and fills the content of day, starter, main course, and dessert using food.txt file, Figure 2. When you click on submit button “Update”, it posts all data to update.php.
- c) Write a php file, update.php. It gets modified data from update\_form.php and updates the record in food.txt. Then, it redirects to food\_menu.php file.

**Hint: You can read all data into an array, change the content within the array, then rewrite all data in the array into file, food.txt.**

**Ans1)**

**food.txt**

```
1::MONDAY::CHINESE CHICKEN SERVED WITH MASHED POTATOES::RED LENTIL SOUP::GARDEN SALAD
2::TUESDAY::CHICK PEAS WITH MEAT::RICE WITH VERMICELLI::PICKLE SOUR
3::WEDNESDAY::VEAL PIECES SAUTEED WITH TOMATOES::CREAM OF MUSHROOM SOUP::SEASON SALAD
4::THURSDAY::MEATBALLS AND POTATOES SAUTEED WITH TOMATO PASTE::VERMICELLI WITH WALNUTS
AND CHEESE::CHOCOLATE PUDDING
5::FRIDAY::GRILLED CHICKEN SERVED WITH VEGATABLES RICE::FRIED PASTRY SOAKED IN
SYRUP::MEDITERRANEAN SALAD
```

**food\_menu.php**

```
<body>
    <table border = "1">
    <thead>
        <th>Id</th>
        <th>Day</th>
        <th>Mixture</th>
        <th>Action</th>
    </thead>
    <tbody>
    <?php
    $data = fopen('f.txt','r');
    $arr = [];
    while (!feof($data))
    {
```

```

        $line = fgets($data);
        array_push($arr,explode(":::",$line));
    }
    $index = 0;
    foreach($arr as $row){
        echo"
        <tr>
        <td>". $row[0]. "</td>
        <td>". $row[1]. "</td>
        <td>". $row[2]. "<br>
        <br>". $row[3]. "<br>
        <br>". $row[4]. "</td>
        <td> <a href='update_form.php?index=".$index."'>Edit</a></td>
        </tr>";
        $index++;
    }
    ?>

</tbody>

</table>
</body>

```

### update.php

```

<?php
$index = $_GET['index'];

$data = fopen('f.txt','r');
$arr = [];
while (!feof($data))
{
    $line = fgets($data);
    array_push($arr,explode(":::",$line));
}
fclose($data);
$row = $arr[$index];
?>
<body>
    <form method="post">
        <a href="food_menu.php">Back</a>
        <p>
            <label for="id">ID</label>
            <input type="text" name = "ID" value ="<?php echo $row[0];?>">
        </p>
        <p>
            <label for="id">DAY</label>
            <input type="text" name = "DAY" value ="<?php echo $row[1];?>">
        </p>
        <p>
            <label for="id">STARTER</label>
            <input type="text" name = "STARTER" value ="<?php echo $row[2];?>">
        </p>
        <p>
            <label for="id">MAIN_COURSE</label>
            <input type="text" name = "MAIN_COURSE" value ="<?php echo $row[3];?>">
        </p>
        <p>

```

```

        <label for="id">DESSERT</label>
        <input type="text" name = "DESSERT" value ="<?php echo $row[4];?>">
    </p>
    <input type="submit" value="save" name = "save">
</form>
<?php
if (isset($_POST['save'])) {
    $input = array(
        $_POST['ID'],
        $_POST['DAY'],
        $_POST['STARTER'],
        $_POST['MAIN_COURSE'],
        $_POST['DESSERT'],
    );
    $arr[$index] = $input;
    $data = fopen('f.txt','w');

    foreach($arr as $row){

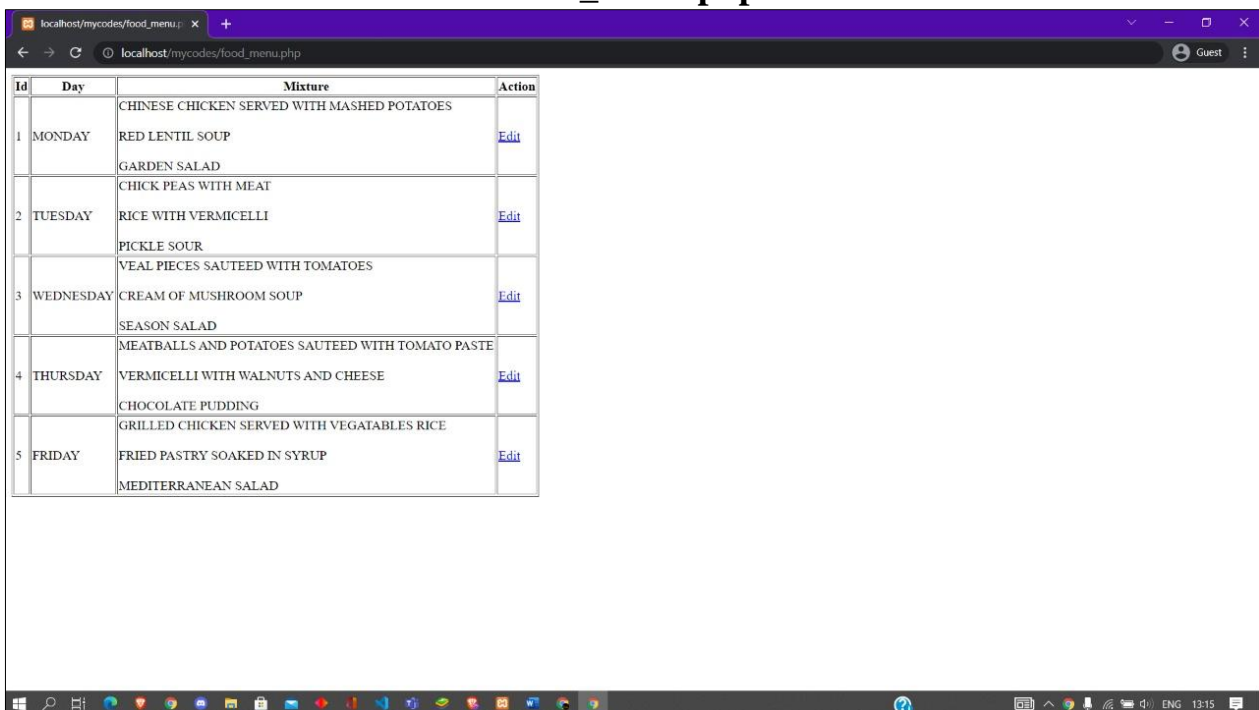
        $line = implode(":::",$row);
        fwrite($data, $line."\n");

    }
    header('location: food_menu.php');
}
?>
</body>

```

## OUTPUT:

### food\_menu.php



Id	Day	Mixture	Action
1	MONDAY	CHINESE CHICKEN SERVED WITH MASHED POTATOES RED LENTIL SOUP GARDEN SALAD	<a href="#">Edit</a>
2	TUESDAY	CHICK PEAS WITH MEAT RICE WITH VERMICELLI PICKLE SOUR	<a href="#">Edit</a>
3	WEDNESDAY	VEAL PIECES SAUTEED WITH TOMATOES CREAM OF MUSHROOM SOUP SEASON SALAD	<a href="#">Edit</a>
4	THURSDAY	MEATBALLS AND POTATOES SAUTEED WITH TOMATO PASTE VERMICELLI WITH WALNUTS AND CHEESE CHOCOLATE PUDDING	<a href="#">Edit</a>
5	FRIDAY	GRILLED CHICKEN SERVED WITH VEGATABLES RICE FRIED PASTRY SOAKED IN SYRUP MEDITERRANEAN SALAD	<a href="#">Edit</a>

## update\_form.php

A screenshot of a web browser displaying the 'update\_form.php' page. The browser's address bar shows 'localhost/mycodes/update\_form.php?index=0'. The page contains a form with the following fields and values:

- ID: 1
- DAY: MONDAY
- STARTER: CHINESE CHICKEN SERV
- MAIN\_COURSE: RED LENTIL SOUP
- DESSERT: Ice Cream

Below the fields is a 'save' button. A 'Back' link is visible at the top left of the page content.

## update\_form.php

A second screenshot of the 'update\_form.php' web page, showing the same form structure as the first screenshot. The values in the fields are:

- ID: 1
- DAY: MONDAY
- STARTER: CHINESE CHICKEN SERV
- MAIN\_COURSE: RED LENTIL SOUP
- DESSERT: GARDEN SALAD

The 'save' button and 'Back' link are also present in this view.

**food\_menu.php**

localhost/mycodes/food\_menu.php

Id	Day	Mixture	Action
1	MONDAY	CHINESE CHICKEN SERVED WITH MASHED POTATOES	
		RED LENTIL SOUP	<a href="#">Edit</a>
		Ice Cream	
2	TUESDAY	CHICK PEAS WITH MEAT	
		RICE WITH VERMICELLI	<a href="#">Edit</a>
		PICKLE SOUR	
3	WEDNESDAY	VEAL PIECES SAUTEED WITH TOMATOES	
		CREAM OF MUSHROOM SOUP	<a href="#">Edit</a>
		SEASON SALAD	
4	THURSDAY	MEATBALLS AND POTATOES SAUTEED WITH TOMATO PASTE	
		VERMICELLI WITH WALNUTS AND CHEESE	<a href="#">Edit</a>
		CHOCOLATE PUDDING	
5	FRIDAY	GRILLED CHICKEN SERVED WITH VEGABLES RICE	
		FRIED PASTRY SOAKED IN SYRUP	<a href="#">Edit</a>
		MEDITERRANEAN SALAD	