Name : Sadiqur Rahman   Department of CSE;

ID: 181-15-1782

Course Code: CSE418

Course Title: Web Engineering Lab

Sec : PC-A

Answer to the question no -3

Answer :

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Theme Company Page</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet" type="text/css">
  <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet" type="text/css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
  <link rel="stylesheet" href="style.css">
</head>
<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
```

```html
            <span class="icon-bar"></span>

        </button>

    </div>

    <div class="collapse navbar-collapse" id="myNavbar">

        <ul class="nav navbar-nav navbar-right">

            <li><a href="#">Home</a></li>

            <li><a href="#">About</a></li>

            <li><a href="#">Teacher Info</a></li>

            <li><a href="#">Notice Board</a></li>

            <li><a href="#">Contact us</a></li>

        </ul>

    </div>

  </div>

</nav>

<footer class="container-fluid text-center">

  <p>Made By  &#182 Sadiqur Rahman </p>

</footer>

</body>

</html>
```

Answer to the question no -5

Answer:

use test2;

CREATE TABLE login (

id int(9) NOT NULL auto_increment,

name varchar(100) NOT NULL,

email varchar(100) NOT NULL,

username varchar(100) NOT NULL,

```sql
password varchar(100) NOT NULL,

PRIMARY KEY (id)

) ENGINE=InnoDB;


CREATE TABLE products (

id int(11) NOT NULL auto_increment,

name varchar(100) NOT NULL,

qty int(5) NOT NULL,

price decimal(10,2) NOT NULL,

login_id int(11) NOT NULL,

PRIMARY KEY (id),

CONSTRAINT FK_products_1

FOREIGN KEY (login_id) REFERENCES login(id)

ON UPDATE CASCADE ON DELETE CASCADE

) ENGINE=InnoDB;
```

....

Connection.php

```php
$databaseHost = 'localhost';

$databaseName = 'test2';

$databaseUsername = 'root';

$databasePassword = 'root';


$mysqli = mysqli_connect($databaseHost, $databaseUsername, $databasePassword, $databaseName);

?>
```

,,

Index.php

```php
<?php session_start(); ?>
```

```html
<html>
<head>
  <title>Homepage</title>
  <link href="style.css" rel="stylesheet" type="text/css">
</head>

<body>
  <div id="header">
    Welcome to my page!
  </div>
  <?php
  if(isset($_SESSION['valid'])) {
    include("connection.php");
    $result = mysqli_query($mysqli, "SELECT * FROM login");
  ?>
    Welcome <?php echo $_SESSION['name'] ?> ! <a href='logout.php'>Logout</a><br/>
    <br/>
    <a href='view.php'>View and Add Products</a>
    <br/><br/>
  <?php
  } else {
    echo "You must be logged in to view this page.<br/><br/>";
    echo "<a href='login.php'>Login</a> | <a href='register.php'>Register</a>";
  }
  ?>
  <div id="footer">
    Created by <a href="http://blog.chapagain.com.np" title="Mukesh Chapagain">Mukesh Chapagain</a>
  </div>
```

```
</body>

</html>
```

....

style.css

```css
body {
    margin: auto;

    height: 500px;

    padding: 20px;
}


#header {
    width: 700px;

    color: maroon;

    font-size: 32px;

    padding: 10px 10px 10px 0px;

    margin-bottom: 15px;

    border-bottom: 1px solid green;
}


#footer {
    border-top: 1px solid green;

    margin-top: 20px;

    color: #336699;

    padding-top: 10px;
}
```

....

register.php

```php
<html>
<head>
  <title>Register</title>
</head>

<body>
  <a href="index.php">Home</a> <br />
  <?php
  include("connection.php");

  if(isset($_POST['submit'])) {
    $name = $_POST['name'];
    $email = $_POST['email'];
    $user = $_POST['username'];
    $pass = $_POST['password'];

    if($user == "" || $pass == "" || $name == "" || $email == "") {
      echo "All fields should be filled. Either one or many fields are empty.";
      echo "<br/>";
      echo "<a href='register.php'>Go back</a>";
    } else {
      mysqli_query($mysqli, "INSERT INTO login(name, email, username, password) VALUES('$name', '$email', '$user', md5('$pass'))")
      or die("Could not execute the insert query.");

      echo "Registration successfully";
      echo "<br/>";
```

```php
        echo "<a href='login.php'>Login</a>";
    }
  } else {
?>
    <p><font size="+2">Register</font></p>
    <form name="form1" method="post" action="">
      <table width="75%" border="0">
        <tr>
          <td width="10%">Full Name</td>
          <td><input type="text" name="name"></td>
        </tr>
        <tr>
          <td>Email</td>
          <td><input type="text" name="email"></td>
        </tr>
        <tr>
          <td>Username</td>
          <td><input type="text" name="username"></td>
        </tr>
        <tr>
          <td>Password</td>
          <td><input type="password" name="password"></td>
        </tr>
        <tr>
          <td> </td>
          <td><input type="submit" name="submit" value="Submit"></td>
        </tr>
      </table>
    </form>
```

```php
    <?php

    }

    ?>

</body>

</html>

...................................................

edit.php


<?php session_start(); ?>


<?php
if(!isset($_SESSION['valid'])) {

    header('Location: login.php');

}
?>


<?php
// including the database connection file
include_once("connection.php");


if(isset($_POST['update']))

{

    $id = $_POST['id'];


    $name = $_POST['name'];

    $qty = $_POST['qty'];

    $price = $_POST['price'];


    // checking empty fields
```

```php
    if(empty($name) || empty($qty) || empty($price)) {

        if(empty($name)) {

            echo "<font color='red'>Name field is empty.</font><br/>";

        }


        if(empty($qty)) {

            echo "<font color='red'>Quantity field is empty.</font><br/>";

        }


        if(empty($price)) {

            echo "<font color='red'>Price field is empty.</font><br/>";

        }

    } else {

        //updating the table

        $result = mysqli_query($mysqli, "UPDATE products SET name='$name', qty='$qty', price='$price' WHERE id=$id");


        //redirectig to the display page. In our case, it is view.php

        header("Location: view.php");

    }

}

?>

<?php

//getting id from url

$id = $_GET['id'];


//selecting data associated with this particular id

$result = mysqli_query($mysqli, "SELECT * FROM products WHERE id=$id");
```

```php
while($res = mysqli_fetch_array($result))
{
    $name = $res['name'];
    $qty = $res['qty'];
    $price = $res['price'];
}
?>
```
```html
<html>
<head>
    <title>Edit Data</title>
</head>

<body>
    <a href="index.php">Home</a> | <a href="view.php">View Products</a> | <a href="logout.php">Logout</a>
    <br/><br/>

    <form name="form1" method="post" action="edit.php">
        <table border="0">
            <tr>
                <td>Name</td>
                <td><input type="text" name="name" value="<?php echo $name;?>"></td>
            </tr>
            <tr>
                <td>Quantity</td>
                <td><input type="text" name="qty" value="<?php echo $qty;?>"></td>
            </tr>
            <tr>
                <td>Price</td>
```

```html
<td><input type="text" name="price" value="<?php echo $price;?>"></td>
    </tr>
    <tr>
      <td><input type="hidden" name="id" value=<?php echo $_GET['id'];?>></td>
      <td><input type="submit" name="update" value="Update"></td>
    </tr>
  </table>
  </form>
</body>
</html
```

Answer to the question no – 10

Answer :

```php
<?php
$color = array('white', 'green', 'red');
foreach ($color as $c)
{
echo "$c, ";
}
sort($color);
echo "<ul>";
foreach ($color as $y)
{
echo "<li>$y</li>";
}
echo "</ul>";
?>
```