

Q11. Write a PHP program for student registration.

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        .errorColor

        {

            color:

            #D3ff; }

    </style>

</head>

<body>

    <?php

        $nameError = $emailError="";

        $name=$email=$message="";

        if($_SERVER["REQUEST_METHOD"]=="

        POST")

        {

            if(empty($_POST["nam

            e"])))

            {

                $nameError="Name is

mandatory";

            }

            Else
```

```

{
    $name=test_input($_POST["name"]);

    // check if name only contain letters and whitespace
    if(!preg_match("/^[a-zA-Z-' ]*$/",$name))
    {
        $nameError="Only letters
allowed" ;
    }

}
if(empty($_POST["email
"])) {

    $emailError="Email is
mandatory";
}

e
l
s
e
{

    $email=test_input($_POST["email"]);

    // check if email address is well-defined
    if(!filter_var($email,FILTER_VALIDATE_EMAIL))

    {
        $emailError="Invalid email
format";
    }

    Else

    {

        $message = test_input($_POST["message"]);
    }

}
if(empty($_POST["message
"]))
{

```

```

        $messag
e="";
    }

} function
test_input($data) {

    $data=trim($data);

    $data=stripslashes($data);

    $data=htmlspecialchars($data);
    return $data;

}

?>

<h2><u>PHP STUDENT REGISTRATION FORM </u></h2>

<p><span class="errorColor">* mandatory field </span></p>

<form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]);?>" method="post">

    Name:<input type="text" name="name" required>

    <span class="errorColor">* <?php echo $nameError; ?></span>

    <br><br> email:<input type="text"
    name="email" required>

    <span class="errorColor">* <?php echo $emailError; ?></span>

    <br><br>
    password:<input type="text" name="password" required><br><br>
    Enter Your Address :<textarea name="add" rows="3" col="15">
</textarea>

    <br><br>

    <b> Enter your Mobile Number: </b> </td>

    <input type="text" pattern="[0-9]*" name="m" / placeholder="
Enter number" >

    <br><br>

    <b> Select your Gender: </b>

    Male <input type="radio" name="g" value="m"/>
    Female <input type="radio" name="g" value="f"/>

```

```

<br><br>

<tr>

    <td> <b> Select your Profile Pic </b> </td>

    <td> <input type="file" name="pic"/> </td>

</tr>

<br><br>

<td> <b> Select your Date of Birth </b> </td>
<tr>

<td>

<select name="mm"> <option
    value=""> Month </option>

    <?php
    for($i=1;$i<=12;$i++)
    { echo "<option value
    ='$i'>".$i."</option>";

    }

    ?>

</select>

<select name="dd">

    <option value=""> Date </option>

    <?php
    for($i=1;$i<=31;$i++)
    { echo "<option value
    ='$i'>".$i."</option>";

    }

    ?>

</select>

<select name="yy">

    <option value=""> Year </option>

    <?php
    for($i=1900;$i<=2015;$i++)

```

```

        { echo "<option value
        ='$i'>".$i."</option>";
        }
        ?>

</select>

</td>

</tr>

<!-- Message: <textarea name="message" rows="6"
col="24"></textarea>

<br><br> -->

<br><br>

<input type="submit" name="submit" value="submit">

<br><br>

<input type="reset" value="Reset"/>

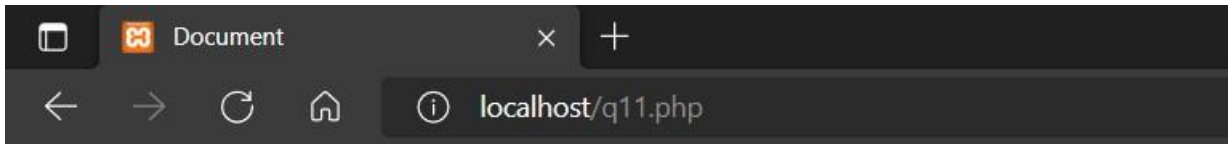
</form>

<?php
echo    $name;
echo    "<br>";
echo    $email;
echo    "<br>";
echo
"$message";
?>
</body>

</html>

```

OUTPUT:



PHP STUDENT REGISTRATION FORM

* mandatory field

Name: *

email: *

password:

Enter Your Address :

Enter your Mobile Number:

Select your Gender: Male ☐ Female ☒

Select your Profile Pic No file chosen

Select your Date of Birth

Q12. Write a PHP program to open a text file in ‘W’ Mode and inserting the text into a file and then read the text from file.

CODE:

```
<?php

$myfile = fopen("newfile.txt", "w") or die("Unable to open
file!");

$txt = "Dynamic
Programming\n";
fwrite($myfile, $txt);
$txt = "Web
Development\n";
fwrite($myfile, $txt);
$txt = "Ds Program\n";
```

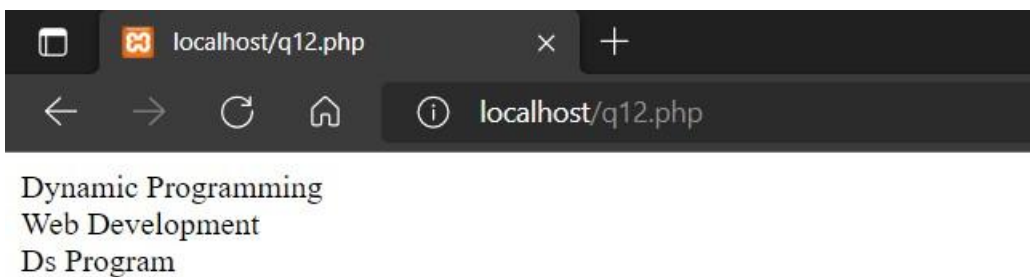
```

fwrite($myfile, $txt);
fclose($myfile);
$myfile = fopen("newfile.txt", "r") or die("Unable to open
file!"); while(!feof($myfile))
{ echo fgets($myfile) .
  "<br>";

}
fclose($myfile);
?>

```

OUTPUT:



Q13. Write a PHP program to implement include and require.

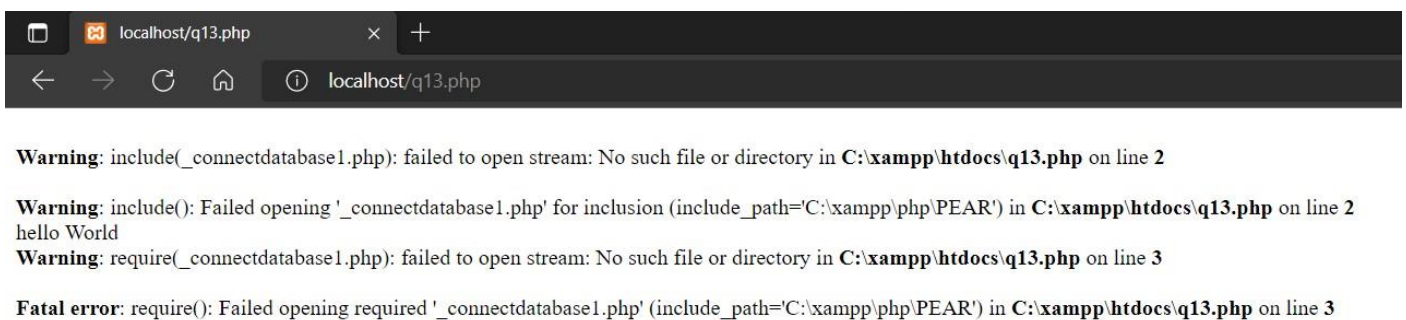
CODE:

```

<?php
include '_connectdatabase1.php';
echo "hello World";
require '_connectdatabase1.php';?>

```

OUTPUT:



Q14. Write a PHP program to connect a database and check the connection is successful or not.

CODE:

```
<?php
```

```
$servername="localhost";
```

```
$username="root";
```

```
$password="";
```

```
// I am creating a connection with MySQL;
```

```
$conn=mysqli_connect($servername,$username,$password);
```

```
// I am checking connection here;
```

```
if(!$  
conn)
```

```
{  
die("connection failed: <br> " .  
mysqli_connect_error());  
}
```

```
e  
l  
s  
e  
{
```

```
    echo "connection successful <br>";
```

```
}  
// sql query to create mysql database;
```

```
$sql="CREATE DATABASE Vishwajeet";  
if(mysqli_query($conn, $sql))
```

```
{ echo "DataBase successfully created  
  <br>";
```

```
}  
Else
```



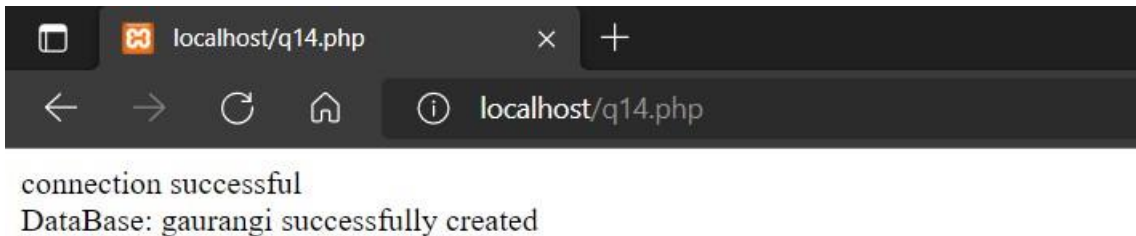
```

{
echo "Error! creating database: <br>" . mysqli_error($conn);
}

mysqli_close($conn); ?>

```

OUTPUT:



Q15. Write a PHP program to create, insert, update, delete data in database using SQL queries.

CODE:

```

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "Employee";
// I am Creating a connection here with MySQL.

$conn = mysqli_connect($servername, $username, $password,
$dbname);
// I am Checking connection here. if
(! $conn ) { die("Connection failed: " .
    mysqli_connect_error());
}
// SQL query to creating a table in (School) database.

$sql = "CREATE TABLE student1 (id INT AUTO_INCREMENT PRIMARY KEY, stname
VARCHAR(30) NOT NULL, email VARCHAR(40), mobile VARCHAR(10) NOT NULL)";
if (mysqli_query($conn,
$sql))
{ echo "Table students created successfully

<br>";

```

```

} else
{
    echo "Error! creating table: <br>" . mysqli_error($conn);

}
$sql = "INSERT INTO student1 (stname, email, mobile) VALUES
('Mohan', 'mohan@example.com', '1122334456')";
if (mysqli_query($conn,
$sql))
{ echo "New record inserted successfully
    <br>";
} else
{
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}
// SQL query to selecting all record from table
$sql = "SELECT id, stname, email, mobile FROM student1";
$result = mysqli_query($conn, $sql); echo
"<br>"; if
(mysqli_num_rows($result) > 0)
{ while($row =
    mysqli_fetch_assoc($result))
    { echo "<b>Id:</b> " . $row["id"]. ", <b>Name:</b>
        " .
            $row["stname"]. ", <b>Email:</b> " . $row["email"]. ",
            <b>Mobile:</b> " . $row["mobile"]. "<br>";
    } }
else
{
    echo "no record found <br>";
}
$sql = "UPDATE student1 SET stname='Sunil' WHERE
mobile='1122334456'";
if (mysqli_query($conn, $sql))
{ echo "Record updated successfully
    <br>";
}

```

```

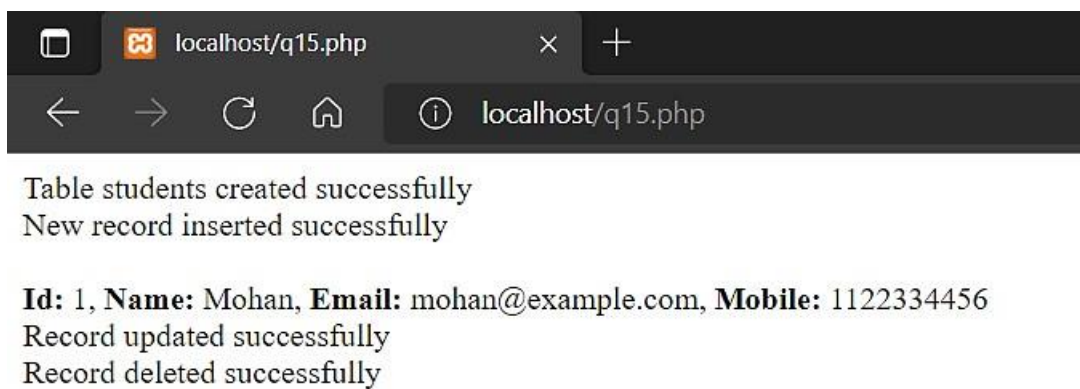
} else
{
    echo "Error! updating record: <br>" . mysqli_error($conn);
}
$sql = "DELETE FROM student1 WHERE id=1"; if (mysqli_query($conn, $sql)) {
    echo "Record deleted successfully <br>";
} else
{

    echo "Error! deleting record: <br>" . mysqli_error($conn);
}

mysqli_close($conn); ?>

```

OUTPUT:



Q16. Write a JQUERY program to display JSON data.

CODE:

```

<!DOCTYPE html>

<html lang="en">
<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

```

```

<meta name="viewport" content="width=device-width, initial-
scale=1.0">

<title>Read json data </title>
</head>
<body>
<h1>read json data</h1>

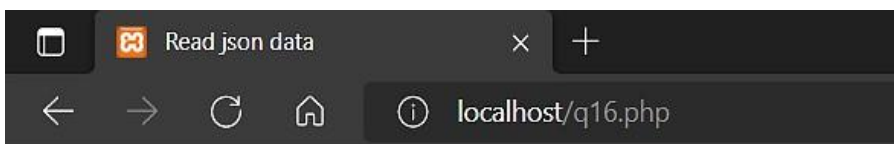
<div id ="load-data"></div>
<script src="jquery-3.6.0.min.js"></script>
<script>
$(document).ready(function ()
{
$.ajax({
url:"https://jsonplaceholder.typicode.com/posts/1"
, type:"GET", success: function(data)
{
$("#load-data").append(data.id +"<br>"
+data.title+"<br>" +data.body);
}
});
});
</script>

<!-- <script src="https://code.jquery.com/jquery-
3.6.0.slim.min.js" integrity="sha256-
u7e5khyithlIdTpu22PHhENmPcRdFiHRjhAuHcs05RI="
crossorigin="anonymous"></script> -->

</body>
</html>

```

OUTPUT:



read json data

