

## CODE

### add.html

```
<html>
<head>
    <title>Add Data</title>
</head>

<body>
    <a href="index.php">Home</a>
    <br/><br/>

    <form action="add.php" method="post" name="form1">
        <table width="25%" border="0">
            <tr>
                <td>Name</td>
                <td><input type="text" name="name"></td>
            </tr>
            <tr>
                <td>Age</td>
                <td><input type="text" name="age"></td>
            </tr>
            <tr>
                <td>Email</td>
                <td><input type="text" name="email"></td>
            </tr>
            <tr>
                <td></td>
                <td><input type="submit" name="Submit" value="Add"></td>
            </tr>
        </table>
    </form>
</body>
</html>
```

### index.php

```
<?php
//including the database connection file
include_once("config.php");
//fetching data in descending order (lastest entry first)
// mysqli_query() function performs a query against a database.
// For successful SELECT, SHOW, DESCRIBE, or EXPLAIN queries it will return a mysqli_result
object.
// For other successful queries it will return TRUE. FALSE on failure
$result = mysqli_query($mysqli, "SELECT * FROM users ORDER BY id DESC"); // using
mysqli_query instead

?>

<html>
<head>
    <title>Homepage</title>
</head>
```

```

<body>
  <a href="add.html">Add New Data</a><br/><br/>

  <table width='80%' border=1>
    <tr bgcolor='#CCCCCC'>
      <td>Name</td>
      <td>Age</td>
      <td>Email</td>
      <td>Update</td>
    </tr>

    <?php
    while($res = mysqli_fetch_array($result))
    {
      echo "<tr>";
      echo "<td>".$res['name'].</td>";
      echo "<td>".$res['age'].</td>";
      echo "<td>".$res['email'].</td>";
      echo "<td> <a href=\"edit.php?id=$res[id]\"> Edit </a> | <a
href=\"delete.php?id=$res[id]\" onClick=\"return confirm('Are you sure you want to
delete?')\"> Delete </a></td>";
    }
    ?>
  </table>
</body>
</html>

```

### add.php

```

<!--add.php-->
<html>
<head>
  <title>Add Data</title>
</head>

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

if(isset($_POST['Submit'])) {
  $name = $_POST['name'];
  $age = $_POST['age'];
  $email = $_POST['email'];

  // checking empty fields
  if(empty($name) || empty($age) || empty($email)) {
    if(empty($name)) {
      echo "<font color='red'>Name field is empty.</font><br/>";
    }

    if(empty($age)) {
      echo "<font color='red'>Age field is empty.</font><br/>";
    }
  }
}

```

```

    }

    if(empty($email)) {
        echo "<font color='red'>Email field is empty.</font><br/>";
    }

    //link to the previous page
    echo "<br/><a href='javascript:self.history.back();'>Go Back</a>";

} else {
    // if all the fields are filled (not empty)
    //insert data to database
    $result = mysqli_query($mysqli, "INSERT INTO users(name,age,email)
VALUES('$name','$age','$email')");

    //display success message
    echo "<font color='green'>Data added successfully.";
    echo "<br/><a href='index.php'>View Result</a>";
}
}
?>
</body>
</html>

```

### config.php

```

<?php

/*
CREATE TABLE `users` (
  `id` int(11) NOT NULL auto_increment,
  `name` varchar(100) NOT NULL,
  `age` int(3) NOT NULL,
  `email` varchar(100) NOT NULL,
  PRIMARY KEY (`id`)
);
*/

$databaseHost = 'localhost';
$databaseName = 'asg7db';
$databaseUsername = 'root';
$databasePassword = 'Sudarshan';

/*
mysqli_connect() function opens a new connection to the MySQL server.
syntax : mysqli_connect(host, username, password, dbname, port, socket)
Details :
host - Optional. Specifies a host name or an IP address
username - Optional. Specifies the MySQL username
password - Optional. Specifies the MySQL password
dbname - Optional. Specifies the default database to be used
port - Optional. Specifies the port number to attempt to connect to the MySQL server
socket - Optional. Specifies the socket or named pipe to be used
*/

```

```

$mysqli = mysqli_connect($databaseHost, $databaseUsername, $databasePassword,
$databaseName);
// $mysqli is global connection object for current request
?>

```

## edit.php

```

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

if(isset($_POST['update']))
{
    $id = $_POST['id'];

    $name=$_POST['name'];
    $age=$_POST['age'];
    $email=$_POST['email'];

    // checking empty fields
    if(empty($name) || empty($age) || empty($email)) {
        if(empty($name)) {
            echo "<font color='red'>Name field is empty.</font><br/>";
        }

        if(empty($age)) {
            echo "<font color='red'>Age field is empty.</font><br/>";
        }

        if(empty($email)) {
            echo "<font color='red'>Email field is empty.</font><br/>";
        }
    } else {
        //updating the table
        $result = mysqli_query($mysqli, "UPDATE users SET
name='$name',age='$age',email='$email' WHERE id=$id");

        //redirectig to the display page. In our case, it is index.php
        header("Location: index.php");
    }
}
?>

<?php
//getting id from url
$id = $_GET['id'];

//selecting data associated with this particular id
$result = mysqli_query($mysqli, "SELECT * FROM users WHERE id=$id");

while($res = mysqli_fetch_array($result))
{
    $name = $res['name'];

```

```

    $age = $res['age'];
    $email = $res['email'];
}
?>

<html>
<head>
    <title>Edit Data</title>
</head>

<body>
    <a href="index.php">Home</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>Age</td>
                <td><input type="text" name="age" value="<?php echo $age;?>"></td>
            </tr>
            <tr>
                <td>Email</td>
                <td><input type="text" name="email" value="<?php echo $email;?>"></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>

```

## Delete.php

```

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

//getting id of the data from url
$id = $_GET['id'];

//deleting the row from table
$result = mysqli_query($mysqli, "DELETE FROM users WHERE id=$id");

//redirecting to the display page (index.php in our case)

```

```
header("Location:index.php");
?>
```

## OUTPUT / SCREENSHOTS

The screenshot shows the phpMyAdmin interface. On the left is the database navigation tree with 'test' selected and 'users' expanded. The main panel shows the 'Table structure' view for the 'users' table. The table has four columns: 'id' (int(11), primary key, AUTO\_INCREMENT), 'name' (varchar(100)), 'age' (int(3)), and 'email' (varchar(100)). Below the table structure, there are checkboxes for 'Check all' and 'With selected:', followed by action buttons: 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', 'Spatial', and 'Fulltext'.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	name	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	age	int(3)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
4	email	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

### Home page- *Index.php*

The screenshot shows a web browser window at the URL 'localhost/users/index.php'. The page has a title 'Homepage' and a navigation bar with several links. Below the navigation bar, there is a section titled 'Add New Data' with a form containing four input fields: 'Name', 'Age', 'Email', and 'Update'.

Action- click “add new data” shows *add.html* file

localhost / 127.0.0.1 / asg7db / u x Add Data x +

localhost/users/add.html

6th International C... PHD Questions स्टार्ट अप मधुत नव्या... MIT Skills Pune | ML... Before You Write | I... E-Editorial Discover... Change DPI of Image phd Other bookmarks

[Home](#)

Name

Age

Email

Action- click “add” button above – shows *add.php* file

localhost / 127.0.0.1 / asg7db / u x Add Data x +

localhost/users/add.php

6th International C... PHD Questions स्टार्ट अप मधुत नव्या... MIT Skills Pune | ML... Before You Write | I... E-Editorial Discover... Change DPI of Image phd Other bookmarks

Data added successfully.

[View Result](#)

Action- click view result – shows home page

localhost / 127.0.0.1 / asg7db / u x Homepage x +

localhost/users/index.php

6th International C... PHD Questions स्टार्ट अप मधुत नव्या... MIT Skills Pune | ML... Before You Write | I... E-Editorial Discover... Change DPI of Image phd Other bookmarks

### Add New Data

Name	Age	Email	Update
nalini	50	nalini@gmail.com	<a href="#">Edit</a>   <a href="#">Delete</a>

Action- Add new data with few more such records and view.

localhost / 127.0.0.1 / asg7db / u x Homepage x +

localhost/users/index.php

6th International C... PHD Questions स्टार्ट अप मधुत नव्या... MIT Skills Pune | ML... Before You Write | I... E-Editorial Discover... Change DPI of Image phd Other bookmarks

### Add New Data

Name	Age	Email	Update
prayaag	22	pra@gmail.com	<a href="#">Edit</a>   <a href="#">Delete</a>
lina	23	lina@yahoo.com	<a href="#">Edit</a>   <a href="#">Delete</a>
nalini	50	nalini@gmail.com	<a href="#">Edit</a>   <a href="#">Delete</a>

Click “Edit” on any existing record- shows *edit.php* file



localhost / 127.0.0.1 / asg7db / u x Edit Data x +

localhost/users/edit.php?id=4

6th International C... PHD Questions स्टार्ट अप मधुन नव्या... MIT Skills Pune | ML... Before You Write | I... E-Editorial Discover... Change DPI of Image phd Other bookmarks

[Home](#)

Name

Age

Email

Action- do required changes and click “update”- shows homepage again.

localhost / 127.0.0.1 / asg7db / u x Homepage x New Tab x +

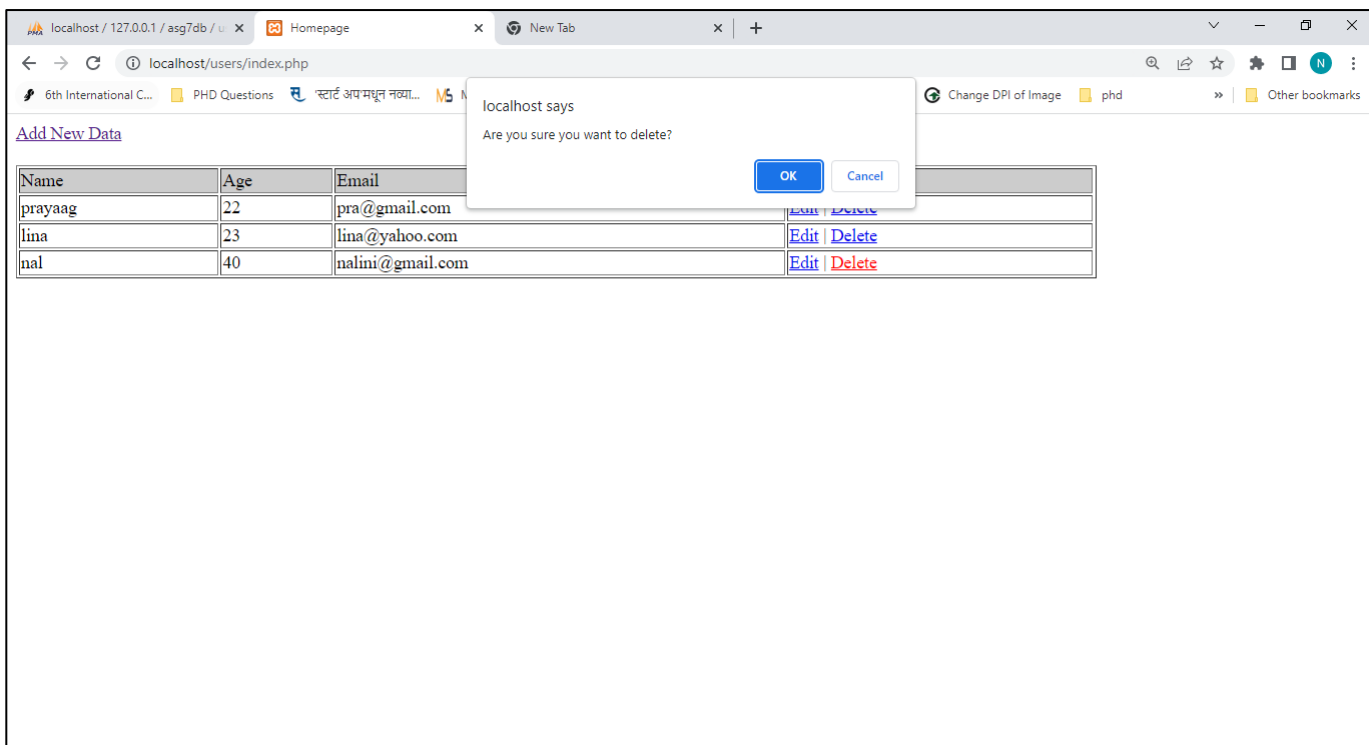
localhost/users/index.php

6th International C... PHD Questions स्टार्ट अप मधुन नव्या... MIT Skills Pune | ML... Before You Write | I... E-Editorial Discover... Change DPI of Image phd Other bookmarks

[Add New Data](#)

Name	Age	Email	Update
prayaag	22	pra@gmail.com	<a href="#">Edit</a>   <a href="#">Delete</a>
lina	23	lina@yahoo.com	<a href="#">Edit</a>   <a href="#">Delete</a>
nal	40	nalini@gmail.com	<a href="#">Edit</a>   <a href="#">Delete</a>

Action- delete (e.g. here record with name = “nal”) calls *delete.php* for delete action –  
click ok on confirm message.



After confirm ok, it shows home again.

