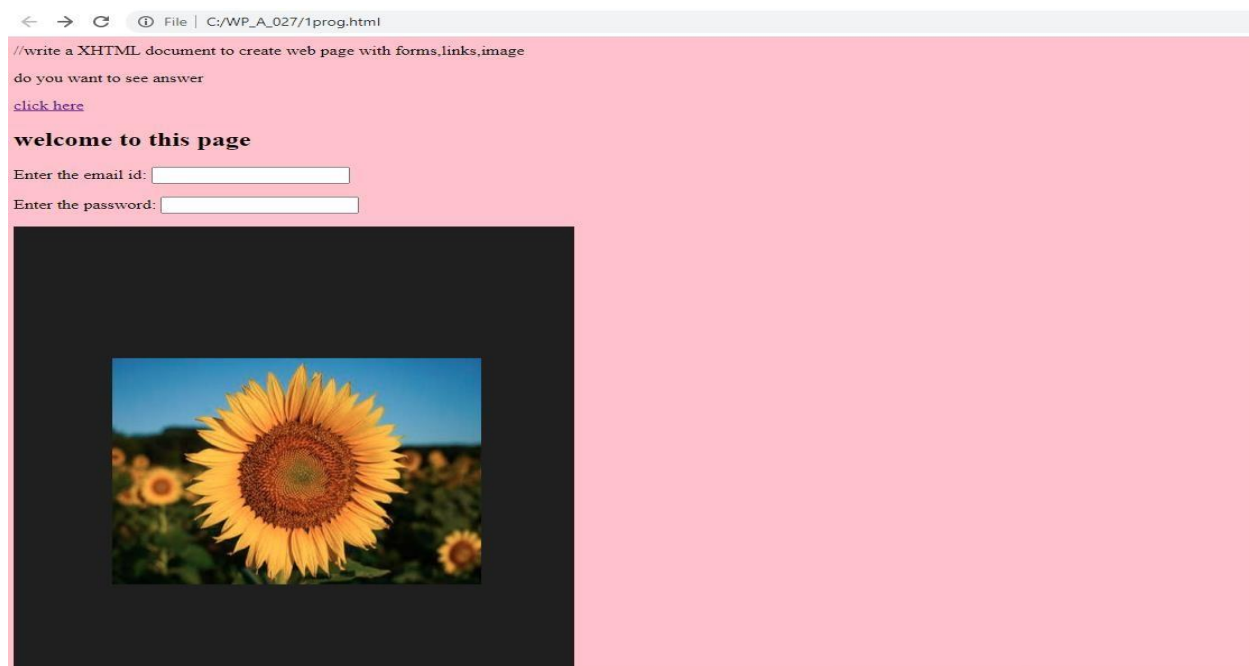


## 1. Write a XHTML document to create web page with forms, links, image

//write a XHTML document to create web page with forms,links,image

```
<html>
<head>
  <title>web page</title>
  <br><p>do you want to see answer</p>
  <a href="2prog.html">click here</a>
</head>
<body bgcolor="pink">
  <h2>welcome to this page</h2>
  <form action=" ">
    <p><label>Enter the email id:
      <input type="text" name="my name" size="20" maxlength="20"/></label></p>
    <p><label>Enter the password:
      <input type="password" name="mypass" size="20" maxlength="20"/></label></p>
    
  </form>
</body>
</html>
```



## 2. Develop and demonstrate a XHTML document that illustrates the use of external style sheet (CSS), ordered list, table, borders, padding, color and the tag.

```
<html>
  <head>
    <title>program2</title>
    <link rel="stylesheet" type="text/css" href="2sprog.css" />
  </head>
  <body>
    <p>here is the ordered list:</p>
    <ol class="one">
      <li>num1</li>
      <li>num2</li>
      <li>num2</li>
    </ol>

    <table class="two" border="5px" >
      <tr>
        <th>NAME</th>
        <th>AGE</th>
        <th>PHONE NO</th>
      </tr>

      <tr>
        <td>XYZ</td>
        <td>18</td>
        <td>123456789</td>
      </tr>

      <tr>
        <td>ABC</td>
        <td>18</td>
        <td>9876543</td>
```

```

</tr>

<tr>
<td>PQR</td>
<td>20</td>
<td>9876543</td>
</tr>
</table>

<p>texting with <span class="highlight">span tag</span> we can see here</p>
</body>
</html>

```

### //css part 2sprog.css file

```

.one{
    font-size: 20pt;color: blue;}
.two{
    border: solid black; align="center"
padding: 3
color: blue;
}
.highlight{
    color: chartreuse;
}

```

← → ↻ ⓘ File | C:/WP\_A\_027/2prog.html

here is the ordered list:

1. num1
2. num2
3. num2

| NAME | AGE | PHONE NO  |
|------|-----|-----------|
| XYZ  | 18  | 123456789 |
| ABC  | 18  | 9876543   |
| PQR  | 20  | 9876543   |

texting with span tag we can see here

### 3. Create a JavaScript that prompts the user for a number and then counts from 1 to that number displaying only the odd numbers using alert window.

```
<html>

<title>Program3</title>

<body>

<script type="text/javascript">

function countOddNumbers() {

    var number = prompt("Enter a number:");

    var oddNumbers = "";

    for (var i = 1; i <= number; i++) {

        if (i % 2 !== 0) {

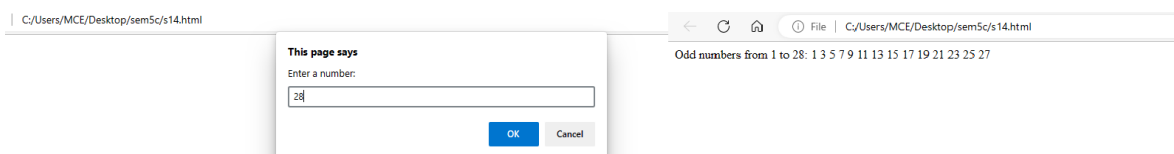
            oddNumbers += i + " ";

        } } document.write("Odd numbers from 1 to " + number + ": " + oddNumbers);

    } countOddNumbers();

</script></body>

</html>
```



**4. Write a java script to validate the following fields in a registration page**

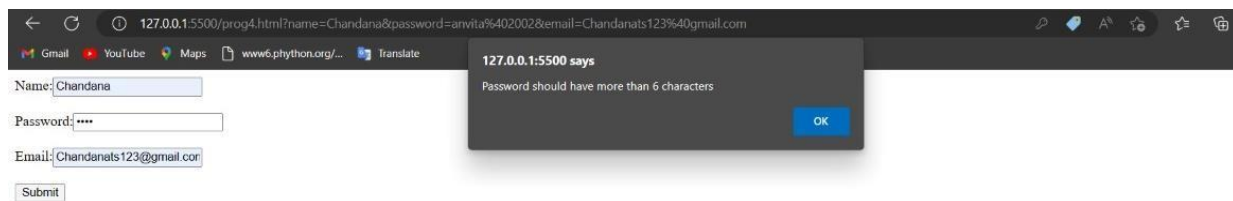
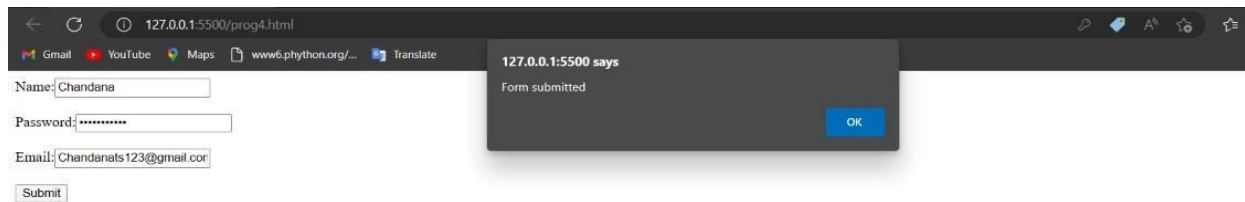
- **Name (should contains alphabets and the length should not be less than 6 characters)**
- **Password(should not be less than 6 characters)**
- **E-mail(should not contain invalid addresses)**

```
<!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>Chandana</title>
    <script>
      function check() {
        name=document.getElementById("name").value;

        if(name.length<6) {
          alert("Name should have more than 6 characters");
          return false;
        }
        password = document.getElementById("password").value;
        if(password.length<6) {
          alert("Password should have more than 6 characters")
          return false
        }
        email = document.getElementById("email").value;
        if(!email.match(/^[A-Za-z0-9]+\@[A-Za-z0-9]+\.[A-Za-z0-9]+$/)) {
          alert("Please type the email correctly")
          return false
        }
        else
```

```
        alert("Form submitted")
        return true
    }
</script>
</head>
<body>
    <form onsubmit="check()">
        Name:<input type="text" id="name" name="name" ><br><br>
        Password:<input type="password" id="password" name="password"><br><br>
        Email:<input type="text" id="email" name="email"><br><br>
        <Input type="submit"></Input>
    </form>
</body>
</html>
```

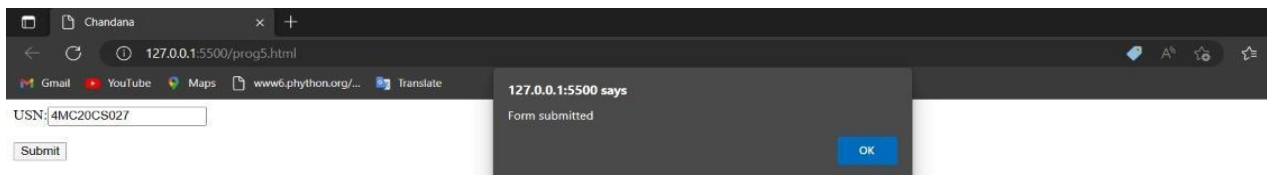
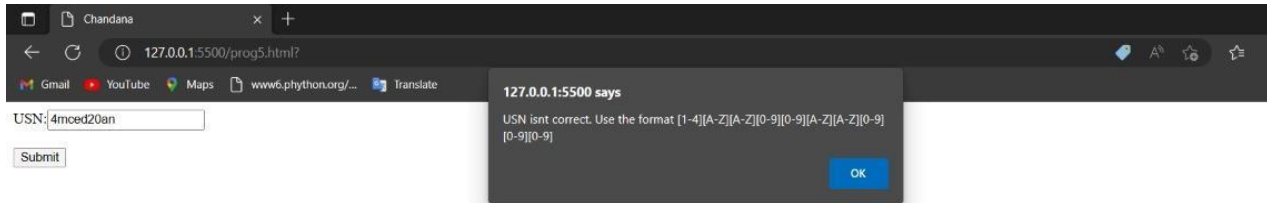


**5. Develop and demonstrate, using JavaScript script, a XHTML document that collects the USN ( the valid format is: A digit from 1 to 4 followed by two upper-case characters followed by two digits followed by two upper-case characters followed by three digits; no embedded spaces allowed) of the user. Event handler must be included for the form element that collects this information to validate the input. Messages in the alert windows must be produced when errors are detected.**

```
<!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>Akash</title>
    <script>
      function chec() {
        usn=document.getElementById("usn").value;
        if(!usn.match(/^[1-4][A-Z][A-Z][0-9][0-9][A-Z][A-Z][0-9][0-9][0-9]$/)) {
          alert("USN isnt correct. Use the format [1-4][A-Z][A-Z][0-9][0-9][A-Z][A-Z][0-9][0-9][0-9]");
          return false;
        }
        else {
          alert("Form submitted");
          return false;
        }
      }
    </script>
  </head>
  <body>
    <form onsubmit="chec()">
      USN:<input type="text" id="usn"><br><br>
      <input type="submit">
    </form>
```

</body>

</html>

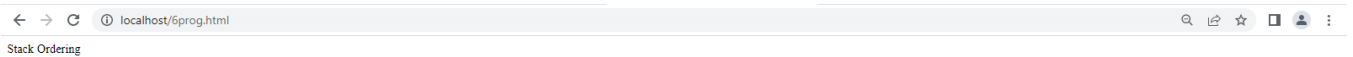




- 6. Develop and demonstrate, using JavaScript, a XHTML document that contains three short paragraphs of text, stacked on top of each other, with only enough space of each showing so that the mouse cursor can be placed over some part of them. When the cursor is placed over the exposed part of any paragraph, it should rise to the top to become completely visible.**

```
<html>
<head>Stack Ordering
<title>Stack Ordering</title>
<!-- Define styling properties -->
<style type="text/css">
    #layer1
    { border:solid thick black; background-color:brown;padding:10px; width:300px;
      height:200px; position:absolute; top:100px;
        left:200px;
        z-index:0;
    }
    #layer2
    {
        border:solid thick black;
        background-color:gray;
        padding:10px;
        width:300px;
        height:200px;
        position:absolute;
        top:150px;
        left:250px;
        z-index:0;
    }
    #layer3
    {
        border:solid thick black;
        background-color:white;
        padding:10px;
```

```
        width:300px;
        height:200px;
        position:absolute;
        top:200px;
        left:300px;
        z-index:0;
    }
</style>
</head>
<body>
    <script type=text/javascript>
        var topLayer="layer3";
        //function to place the choosen layer on the top
        function mover(toTop)
        {
            document.getElementById(topLayer).style.zIndex="0";
            document.getElementById(toTop).style.zIndex="1";
            topLayer=toTop;
        }
    </script>
    <p id=layer1 onMouseOver=mover('layer1');>This is the last layer <br>hello every one
    </p>
    <p id=layer2 onMouseOver=mover('layer2');>This is the middle layer</p>
    <p id=layer3 onMouseOver=mover('layer3');>This is the first layer</p>
</body>
</html>
```



**7. Write an XML file which displays the book details that includes the following:**

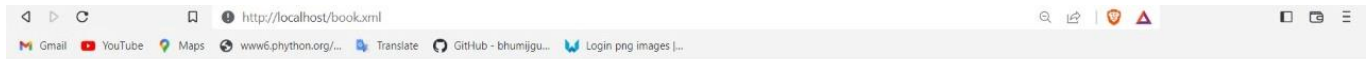
- **Title of book**
- **Author name**
- **Edition**
- **Price**

**Write a DTD to validate the above XML file and display the details in a table (to do this use XSL).**

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE bookDetails[
<!ELEMENT bookDetails (title, author, edition, price)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT edition (#PCDATA)>
<!ELEMENT price (#PCDATA)>
]>
<bookDetails>
  <title>The Hobbit</title>
  <author>J.R.R. Tolkien</author>
  <edition>3rd</edition>
  <price>$19.99</price>
</bookDetails>
<?xml version="1.0" encoding="UTF-8"?>

<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template match="/">
    <html>
      <body>
        <table border="1">
          <tr bgcolor="#9acd32">
            <th>Title</th>
```

```
<th>Author</th>
<th>Edition</th>
<th>Price</th>
</tr>
<xsl:for-each select="bookDetails">
<tr>
<td><xsl:value-of select="title"/></td>
<td><xsl:value-of select="author"/></td>
<td><xsl:value-of select="edition"/></td>
<td><xsl:value-of select="price"/></td>
</tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```



This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
▼ <bookDetails>
  <title>The Hobbit</title>
  <author>J.R.R. Tolkien</author>
  <edition>3rd</edition>
  <price>$19.99</price>
</bookDetails>
```

## 8. Write XHTML form and PHP to insert name and age information entered by the user into a table created using MySQL and to display the current contents of this table.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Input</title>
  <style>
    table,tr,td,th {
      font-size: 20px;
      border: 1px solid black; }
  </style></head>
<body>
  <form method="post" action="/send8.php">
    Name:<input type="text" name="name" required><br><br>
    Age:<input type="number" name="age" required><br><br>
    <input type="submit"><br><br>
  </form>
  <table>
    <tr>
      <th>Name</th>
      <th>Age</th>
    </tr>
    <?php
      $conn = new mysqli("localhost","root","","demo1");
      if($conn->connect_error) {
        echo("Connection failed" . $conn->connection_error);
      }

      $sql = "SELECT name,age from users";
      $result = $conn->query($sql);
      if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
          echo "<tr><td>" . $row["name"]. "</td><td>" . $row["age"]. "</td></tr>";
        }
      }
      $conn->close();
    ?> </table></body></html>
```

### //php file send8.php

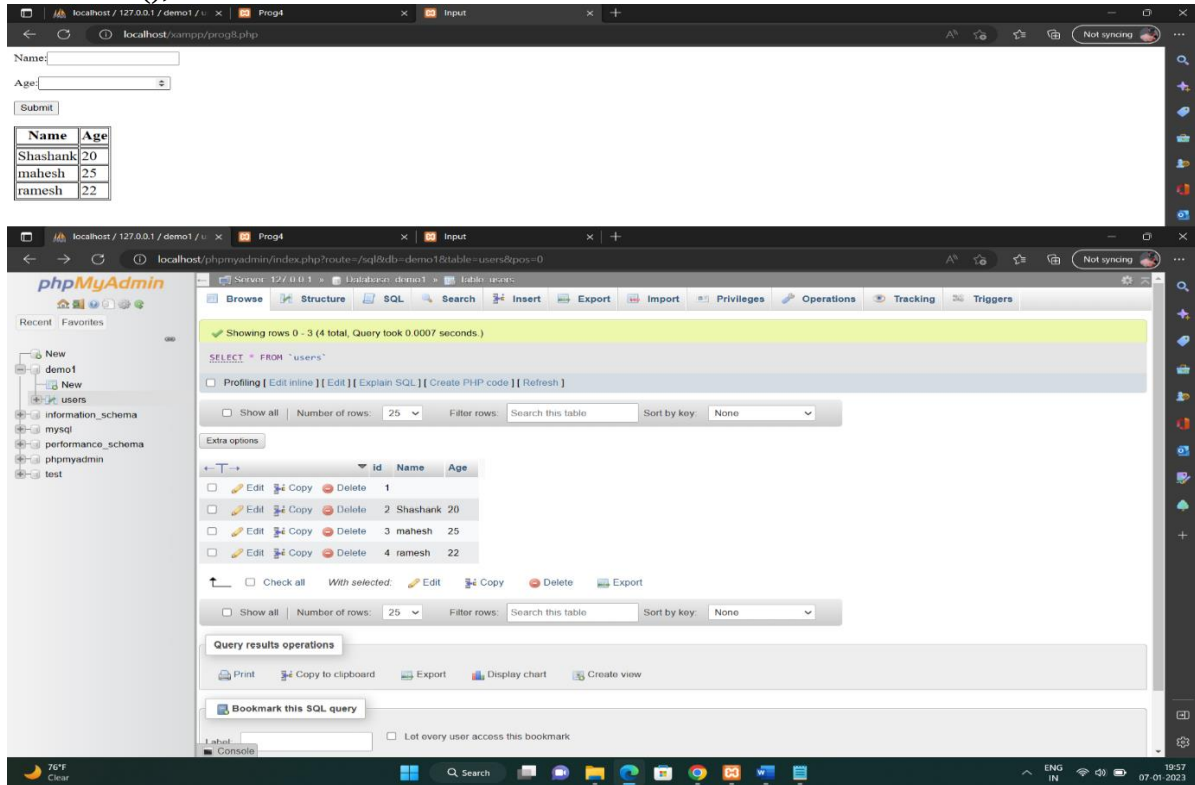
```
<?php
  $conn = new mysqli("localhost","root","","demo1");
  if($conn->connect_error) {
    echo("Connection failed" . $conn->connection_error);
  }
  $name=$_POST["name"];
  $age=$_POST["age"];
  $sql = "INSERT INTO users(name,age) values('$name','$age)";
```

```

if($conn->query($sql)==true) {

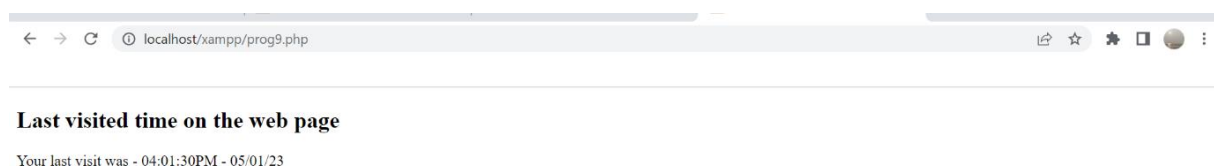
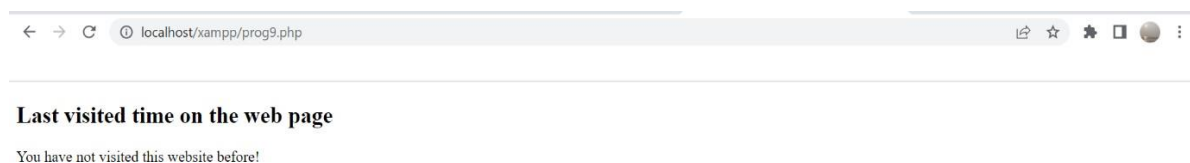
    header("Location: ./prog8.php");
} else { echo "failed";
} $conn->close();?>

```



## 9. Write a PHP program to store current date-time in a COOKIE and display the Last visited on date-time on the web page upon reopening of the same page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <h2> Last visited time on the web page</h2>
  <?php
    date_default_timezone_set('Asia/Kolkata');
    $intm = 60 * 60 * 24 * 60 + time();
    setcookie('lastVisit', date("h:i:sA - d/m/y"), $intm);
    if (isset($_COOKIE['lastVisit'])) {
      $visit = $_COOKIE['lastVisit'];
      echo "Your last visit was - " . $visit;
    } else
      echo "You have not visited this website before!";
  ?>
</body>
</html>
```



**10. Create a XHTML form with Name, Address and E-mail text fields. On submitting, use PHP program to store the values in MySQL table. Retrieve and display the data based on Name.**

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
  <style>
    table,tr,td,th {
      font-size: 20px;
      border: 1px solid black;
    }
  </style>
</head>
<body>
  <form method="post" action="/send10.php">
    Name:<input type="text" name="name" required><br><br>
    Address:<input type="text" name="address" required><br><br>
    Email:<input type="email" name="email" required><br><br>
    <input type="submit"><br><br>
  </form>
  <table>
    <tr>
      <th>Name</th>
      <th>Address</th>
      <th>Email</th>
    </tr>
    <?php
      $conn = new mysqli("localhost","root","","demo2");
      if($conn->connect_error) {
        echo("Connection failed" . $conn->connection_error);
      }

      $sql = "SELECT name,address,email from users order by name";
      $result = $conn->query($sql);
      if ($result->num_rows > 0) {
        // output data of each row
        while($row = $result->fetch_assoc()) {
          echo "<tr><td>" . $row["name"]. "</td><td>" . $row["address"]. "</td><td>" .
          $row["email"]. "</td></tr>"; } }
      $conn->close(); ?> </table></body></html>
// file send10.php
<?php
  $conn = new mysqli("localhost","root","","demo2");
  if($conn->connect_error) {
    echo("Connection failed" . $conn->connection_error); }

```



```

$name=$_POST["name"];
$address=$_POST["address"];
$email=$_POST["email"];
$sql = "INSERT INTO users(name,address,email) values('$name','$address','$email')";
if($conn->query($sql)==true) {
    header("Location: ./prog10.php");
} else { echo "failed"; }
$conn->close(); ?>

```

localhost/xampp/prog10.php

Name:

Address:

Email:

| Name     | Address   | Email                   |
|----------|-----------|-------------------------|
| Maresh   | mysore    | maresh11@gmail.com      |
| ramesh   | bangalore | ramesh22@gmail.com      |
| Shashank | hassan    | shashankgi241@gmail.com |

localhost / 127.0.0.1 / demo2 / ...

phpMyAdmin

Recent Favorites

- New demo1
- New users
- demo2
- New users
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds)

SELECT \* FROM `users`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

|                          | id | name     | address   | email                   |
|--------------------------|----|----------|-----------|-------------------------|
| <input type="checkbox"/> | 1  | Shashank | hassan    | shashankgi241@gmail.com |
| <input type="checkbox"/> | 2  | Maresh   | mysore    | maresh11@gmail.com      |
| <input type="checkbox"/> | 3  | ramesh   | bangalore | ramesh22@gmail.com      |

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark