

Course code: INT 301

CA-2

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Question no: 7

GitHub Repository Link: https://github.com/rg71819/int301Assignment

Problem statement: Consider a php form with columns id, first name, last name, email id. Insert following data in the database and fetch all the data in descending order of first name.

Description: user will enter first name, last name, email id on a form these values are inserted to database when user clicks on submit button. Data from database is displayed in descending order of first name.it dynamically sorts data when new values are inserted into database they are added to output and sorted in descending order.

Test Cases: screenshots of test cases are attached below. Each test case has two screenshots while entering input and after clicking submit button

Test Cases



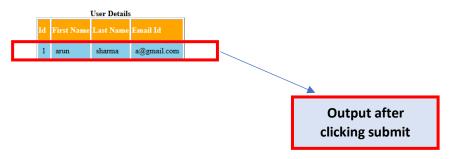
User details in below table are sorted in descending order of first name





Int 301 Assignment

User details in below table are sorted in descending order of first name



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User details in below table are sorted in descending order of first name

User Details			
Id	First Name	Last Name	Email Id
1	arun	sharma	a@gmail.com

First Name enter your first name

Last Name enter your last name

Email Id enter your email Id

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User details in below table are sorted in descending order of first name



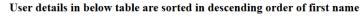
First Name enter your first name

Last Name enter your last name

Email Id enter your email Id

submit

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Output after clicking submit



User details in below table are sorted in descending order of first name

User Details

Id First Name Last Name Email Id

3 nitin joshi n@gmail.com

2 bharath sharma b@gmail.com

1 arun sharma a@gmail.com

First Name enter your first name

Last Name enter your last name

Email Id enter your email Id

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User details in below table are sorted in descending order of first name

Output after clicking submit

User Details

Id First Name Last Name Email Id

3 nitin joshi n@gmail.com

2 bharath sharma b@gmail.com

1 arun sharma a@gmail.com

4 ajay dondapati aj@gmail.com

Code snippet to connect to database, receive post data and insert data into database

```
<?php
    //php code to connect to the database int301 as root
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "INT301";
    // Create connection
    $conn = new mysqli($servername, $username, $password,$dbname);
    // Check connection
    if ($conn->connect_error) {
      die("Connection failed: " . $conn->connect_error);
    }
    //code to insert data submitted through form to the database
    if(isset($_POST["submit"]))
    {
      $firstName=$_POST["firstName"];
      $lastName=$_POST["lastName"];
      $emailId=$_POST["emailId"];
      $query="insert into `users` (`firstName`,`lastName`,`emailId`) values('$firstName','$lastName','$emailId');";
      mysqli_query($conn, $query);
    }
    ?>
           Code snippet to fetch data from database and display them in Descending order of first name
<?php
      //code to display the contents of the database as a table in descending order of first name
      $q="select * from users order by firstName desc";
      $result=mysqli_query($conn, $q);
     while($row = mysqli_fetch_assoc($result))
     {
       echo "" . $row["id"]. "" . $row["firstName"]. "" . $row["lastName"].
"".$row["emailId"]."";
     }
      ?>
```

Values in Database