

Course code: INT 301

CA-2

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Question no: 7

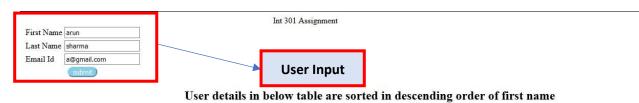
GitHub Repository Link: https://github.com/Kar07/INT-301-

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

Id First Name Last Name Email Id

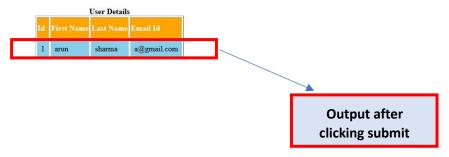
First Name enter your first name

Last Name enter your last name

Email Id enter your email Id

Int 301 Assignment

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



0

Int 301 Assignment



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





Int 301 Assignment

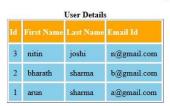
User details in below table are sorted in descending order of first name



Output after clicking submit



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



Int 301 Assignment First Name enter your first name Last Name enter your last name Email Id enter your email Id **Output after** User details in below table are sorted in descending order of first name clicking submit User Details Last Name Email Id n@gmail.com 2 bharath sharma b@gmail.com sharma a@gmail.com 4 ajay dondapati aj@gmail.com

Code Snippet

```
<?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: " . $conn->connect_error);
    }
    //code
             to
                  insert
                           data
                                  submitted
                                               through
                                                         form
                                                                      the
                                                                            database
if(isset($_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))
    {
              ""
                             $row["id"].
                                          ""
                                                           $row["firstName"]. "" .
                                                                                                   $row["lastName"].
"".$row["emailId"]."";
    }
     ?>
```

Values in Database

```
mysql>
mysql>
mysql>
mysql> select * from users;

| id | firstName | lastName | emailId |
| 1 | arun | sharma | a@gmail.com |
| 2 | bharath | sharma | b@gmail.com |
| 3 | nitin | joshi | n@gmail.com |
| 4 | ajay | dondapati | aj@gmail.com |
| 4 | rows in set (0.00 sec)
```