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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

Int 301 Assignment

First Name
Last Name
Email Id

User Input

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

User Details			
Id	First Name	Last Name	Email Id

First Name
Last Name
Email Id

Int 301 Assignment

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

Output after
clicking submit

First Name

Last Name

Email Id

User Input

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

Last Name

Email Id

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

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

Output after
clicking submit

ment

First Name

Last Name

Email Id

User Input

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

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

First Name

Last Name

Email Id

Int 301 Assignment

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

Output after clicking submit

Assignment

First Name

Last Name

Email Id

User Input

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

Last Name

Email Id

Int 301 Assignment

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
4	ajay	dondapati	aj@gmail.com

Output after
clicking submit

Code Snippet

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 "<tr><td>" . $row["id"]. "</td><td>" . $row["firstName"]. "</td><td>" . $row["lastName"].
"</td><td>" . $row["emailId"]. "</td></tr>";
}

?>
```

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)
```