

Subject: INT 301 - OPEN SOURCE TECHNOLOGIES

Topic: Submission of CA-2 (Project)

Submitted by:

Registration number: 11603430

Name: Ajay Dondapati

Section: KE009

Roll number: RKE009B47

Submitted to:

Name: Shivali Chopra ma'am

Question number: 7

GitHub Repository Link: https://github.com/11603430/INT-301-Assignment

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.

id	first_name	last_name	email
1	arun	sharma	a@gmail.com
2	bharath	sharma	b@gmail.com
3	nitin	joshi	n@gmail.com

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

Code

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>"". $row["id"]. "". $row["firstName"]. "". $row["lastName"].
"
":"
}

">"". $row["emailId"]. "
">>
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
">
"><
```

Test cases



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



1.

2.



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





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

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

3.



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

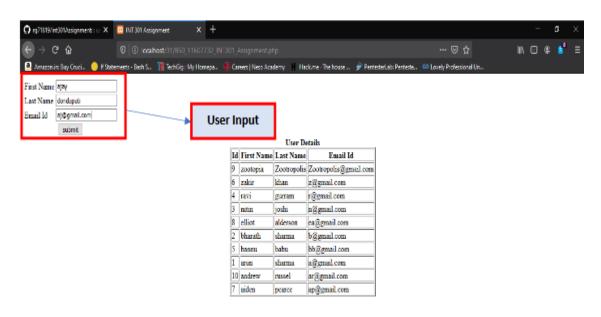


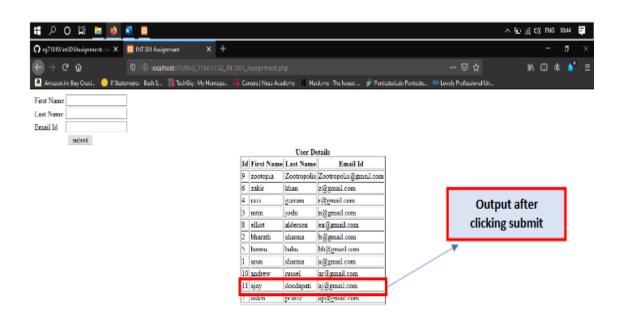


User details in below table are sorted in descending order of first name

	User Details						
Id	First 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				

Working:





Values in Database