Internet Technologies – CSE 256

End Term Lab Assessment

Sai Ram. K

20181CSE0621 | 7 – CSE – 10

Question 1.

HTML CODE

```
<!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>My Form</title>
    <link rel="stylesheet" href="rough.css">
</head>
<script src="rough.js"></script>
<body>
    <h1>Welcome To Placement Registration!! <br>Enter your details below</h1>
    <div style='float:right; width: 180px; '>
        <div style='position: fixed;background-color: cornflowerblue;padding: 10;border:
2px solid black ; border-radius: 25px;padding: 15px;'>
          Sai Ram. K 20181CSE0621 <br> 7 -CSE- 10 | EndTerm
        </div></div>
    <div class="details">
        <form name="form" action="" method="post " id="form" onsubmit="return validate()">
            <div class="name">
                <label for="name">Name:</label>
                <input id="name" placeholder="Enter your name."><span
id="alertname"><strong></strong></span>
            </div>
            <div class="id">
                <label for="id">ID No. : </label>
                <input id="id" placeholder="20181XYZ0000"><span
id="alertid"><strong></strong></span>
            </div>
            <div class="mob">
                <label for="mob">Mobile : </label>
                <input id="mob" placeholder="9876543210"><span
id="alertmob"><strong></strong></span>
            </div><br>

            <div class="address">
                <label for="address">Address : </label>
                <input id="address" placeholder="#42, Cross, City, State"><span
id="alertaddr"><strong></strong></span>
            </div><br>
```

```
            <div class="branch">
                <label for="branch">Branch : </label>
                <select name="branch" id="branch">
                    <option value="" disabled selected>Select your branch</option>
                    <option value="CSE">CSE</option>
                    <option value="ISE">ISE</option>
                    <option value="ECE">ECE</option>
                    <option value="EEE">EEE</option>
                    <option value="MEC">MEC</option>
                    <option value="CIV">CIV</option>
                  </select>
                <span id="alertbranch"><strong></strong></span>
            </div><br>
            <div class="sem">
                <label for="sem">Semester : </label>
                <input type="number" min="0" max="8" id="sem" placeholder="1"><span
id="alertsem"><strong></strong></span>
            </div><br>
            <div class="cgpa">
                <label for="cgpa">CGPA : </label>
                <input type="number" min="0" max="10" step="0.10"id="cgpa"
placeholder="8.50 "><span id="alertcgpa"><strong></strong></span>
            </div><br>
            <div class="btn" style="padding-left: 5rem;">
                <button type="submit" id="submit">Submit</button>
            </div>
        </form>
    </div>
</body>
</html>
```

CSS CODE

```
*{
    font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu,
Cantarell, 'Open Sans', 'Helvetica Neue', sans-serif;

}
body{
    text-align: center;
    background:aquamarine;
}
.details{
    padding: 20px;
    font-family: inherit;
    font-weight: bolder;
    display: inline-block;
}
.name, .id, .sec, .sub{
    padding: 5px;
    margin: 5px;
}
#form input{
    border-radius: 15px;
```

```
    outline: none;
    width: 500px;
    height: 35px;
    border: 3px solid black;
}
#form label{
    font-size: 20px;
    padding-right: 10px;
}
::placeholder{
    text-align: center;
    font-size: 20px;
}
#submit{
    border: 3px solid black;
    border-radius: 15px;
    width: 150px;
    height: 75px;
    cursor: pointer;
    text-align: center;
    outline: none;
    background-color: cornflowerblue;
    color: azure;
    font-size: large;
    font-weight: bold;
}
#alertname,#alertmob,#alertaddr,#alertsem,#alertcgpa,#alertbranch,#alertid{
    font-size: 15px;
    text-align: center;
    color: red;
}
#branch{
    border-radius: 10px;
    outline: none;
    width: 500px;
    height: 35px;
    border: 3px solid black;
    text-align: center;
    font-size: 15px;
    font-weight: 500;
}
```

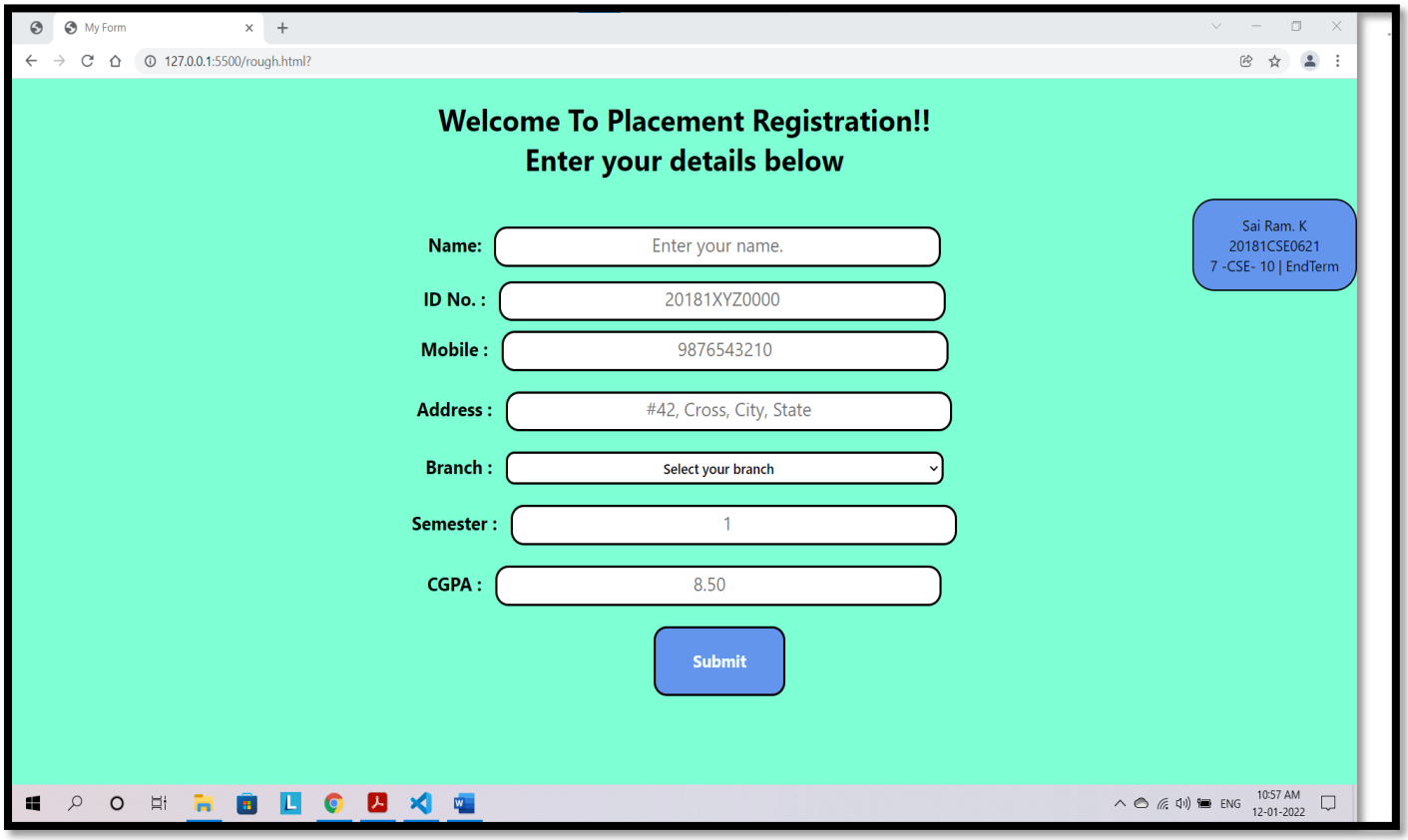
JS CODE

```
function validate()
{
    var name = document.getElementById("name").value;
    var id = document.getElementById("id").value;
    var mob = document.getElementById("mob").value;
    var address = document.getElementById("address").value;
    var branch = document.getElementById("branch").value;
    var sem = document.getElementById("sem").value;
```

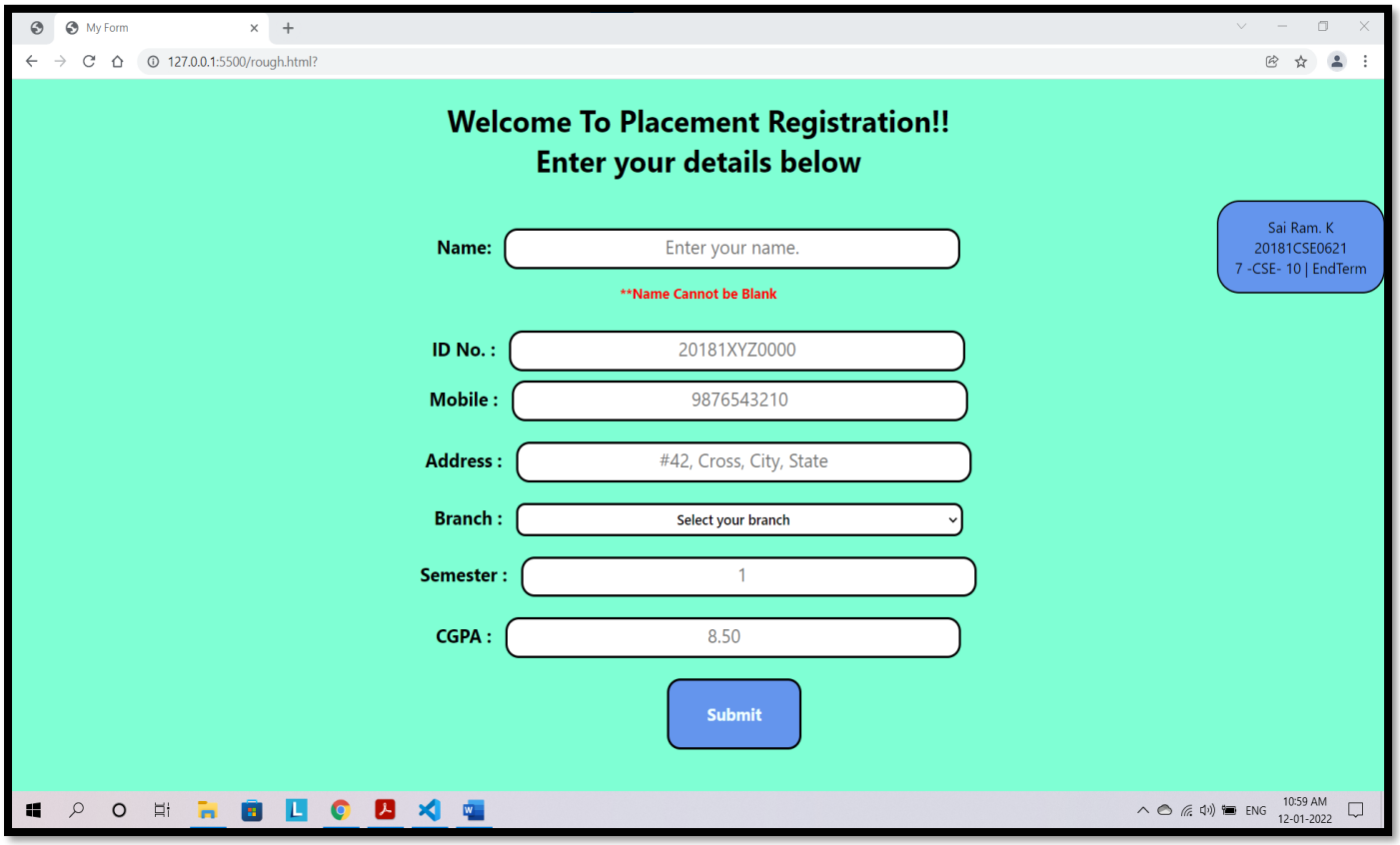
```
    var cgpa = document.getElementById("cgpa").value;
    var phoneno = /^\d{10}$/;

   if(name.trim()==""){
        document.getElementById("alertname").innerHTML = "<p>Name Cannot be Blank</p>";
        return false;
    }
    if(id.trim()==""){
        document.getElementById("alertid").innerHTML = "<strong><br>Student ID needs to be
provided. Eg:20181XYZ0000</strong>";
         return false;
    }
   if(id.length>12){
    document.getElementById("alertid").innerHTML = "<strong><br>ID cannot be more than 12
characters. Eg:20181XYZ0000</strong>";
    return false;
   }
   if (id!= "20181CSE0621"){
    document.getElementById("alertid").innerHTML = "<strong><br>Enter Valid ID format.
Eg:20181XYZ0000</strong>";
    return false;
   }
   if(mob.match(phoneno))
    {
        console.log("Phone no. valid");
    }else{
        document.getElementById("alertmob").innerHTML = "<strong><br>Enter Valid mobile
number. Eg:9876543210 </strong>";
        return false;
    }
    if(address.trim()==""){
        document.getElementById("alertaddr").innerHTML = "<strong><br>Enter Valid
address.</strong>";
        return false;
    }
    if(branch.trim()==""){
        document.getElementById("alertbranch").innerHTML = "<strong><br>Choose from the
menu.</strong>";
    }
    if(sem.trim()==""){
        document.getElementById("alertsem").innerHTML = "<strong><br>Enter Your
Semester.</strong>";
    }
    if(cgpa.trim()==""){
        document.getElementById("alertcgpa").innerHTML = "<strong><br>Enter Your
CGPA.</strong>";
    }
}
```

OUTPUT SCREENSHOTS

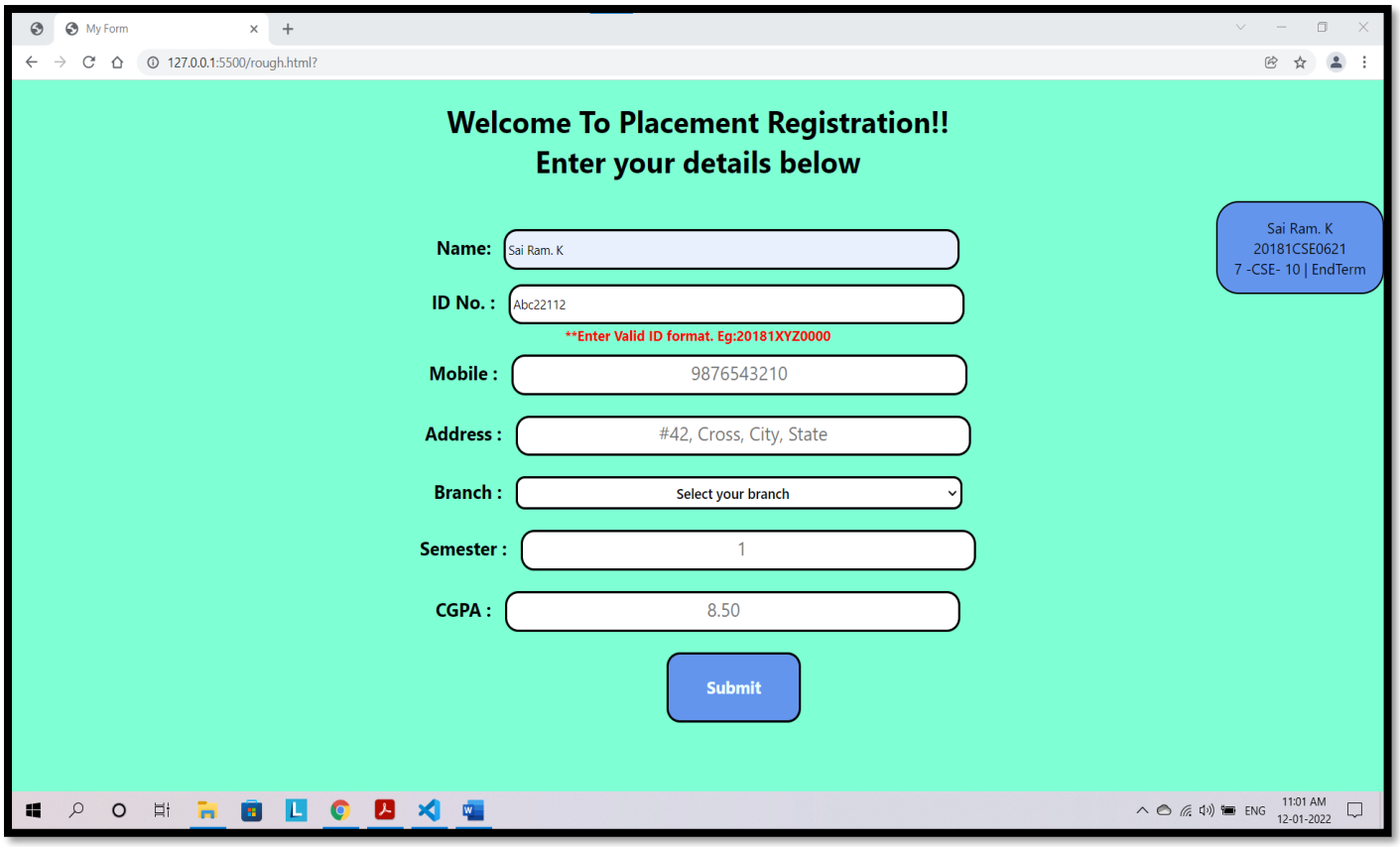
UI OUTPUT:



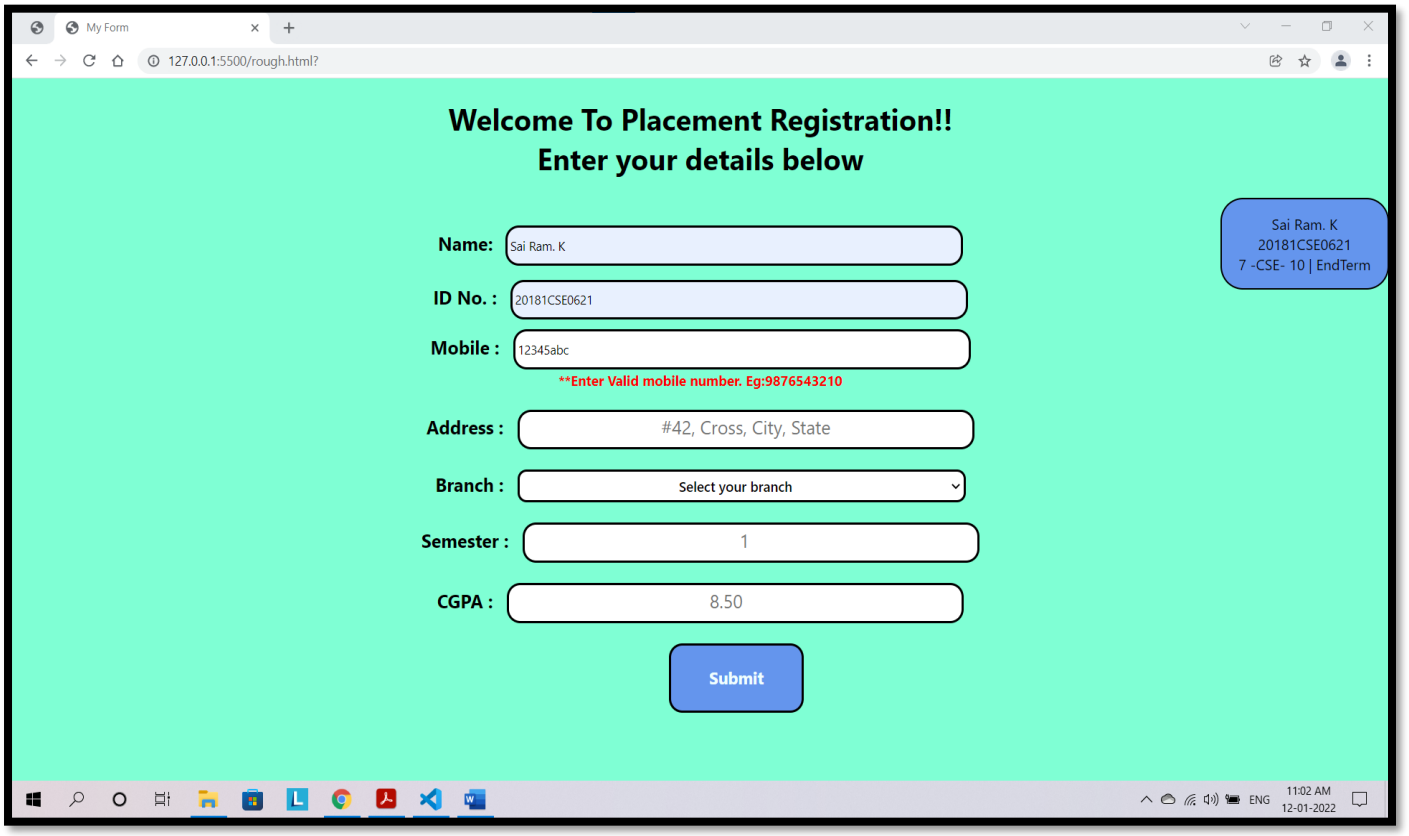
NAME VALIDATION:



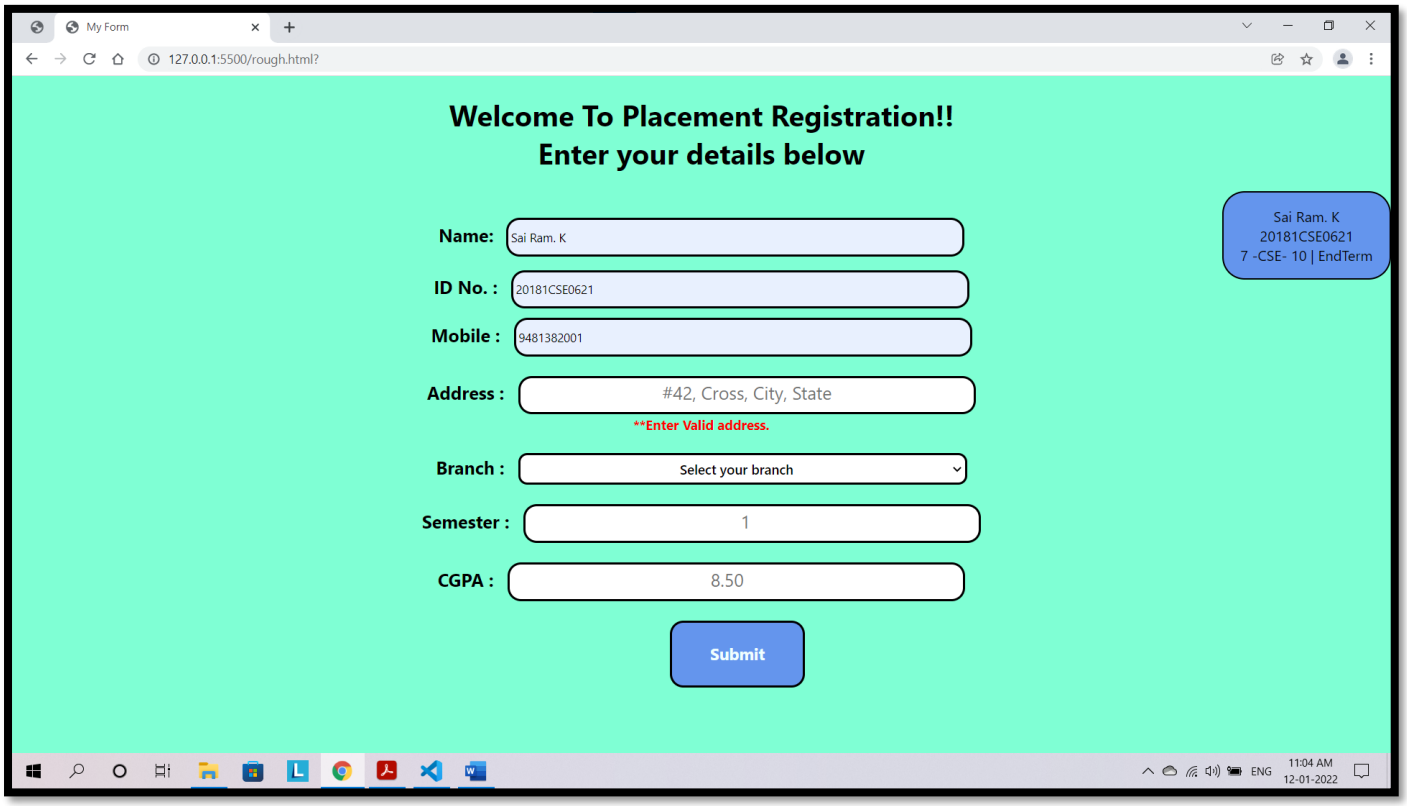
ID VALIDATION:



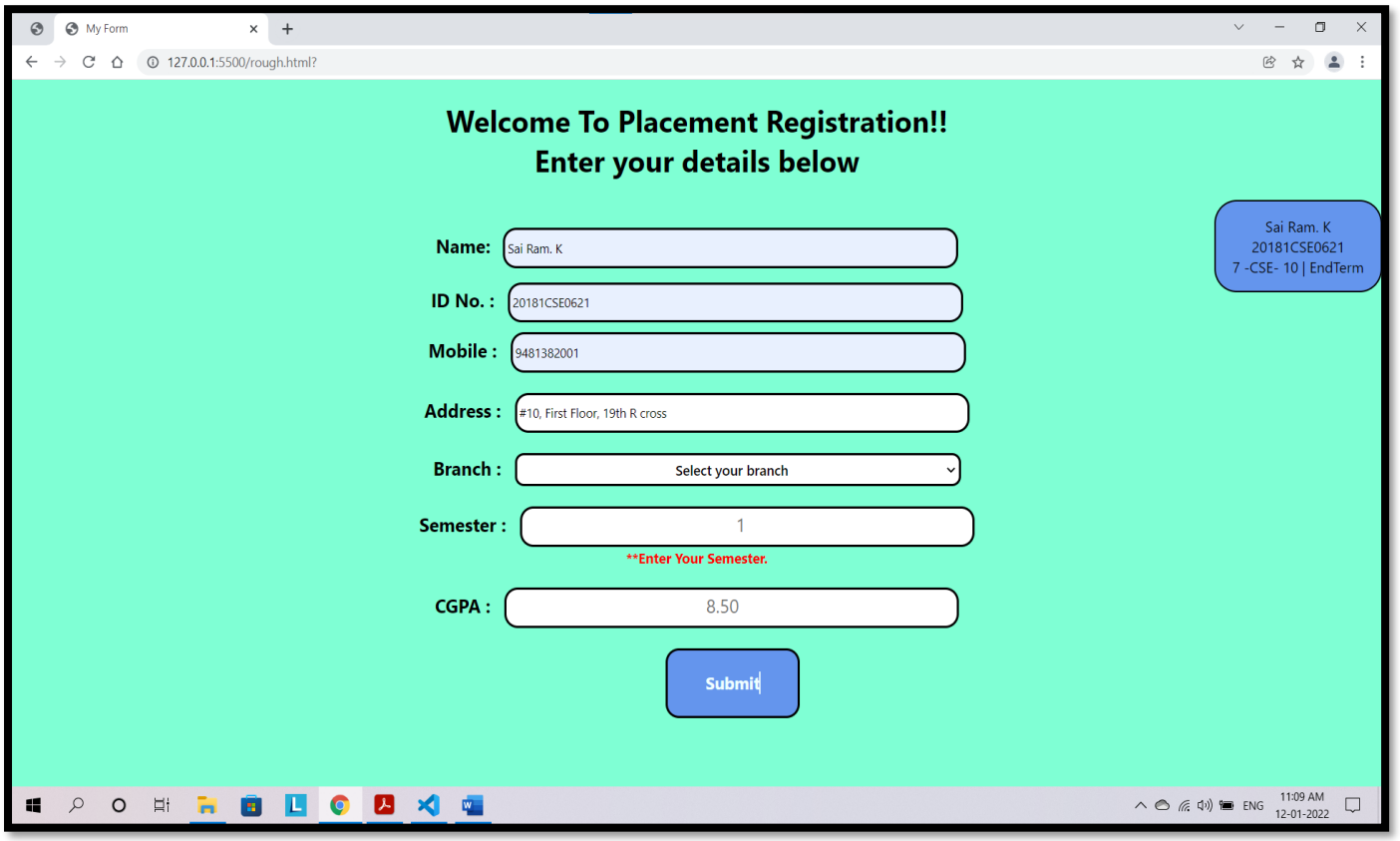
MOBILE VALIDATION:



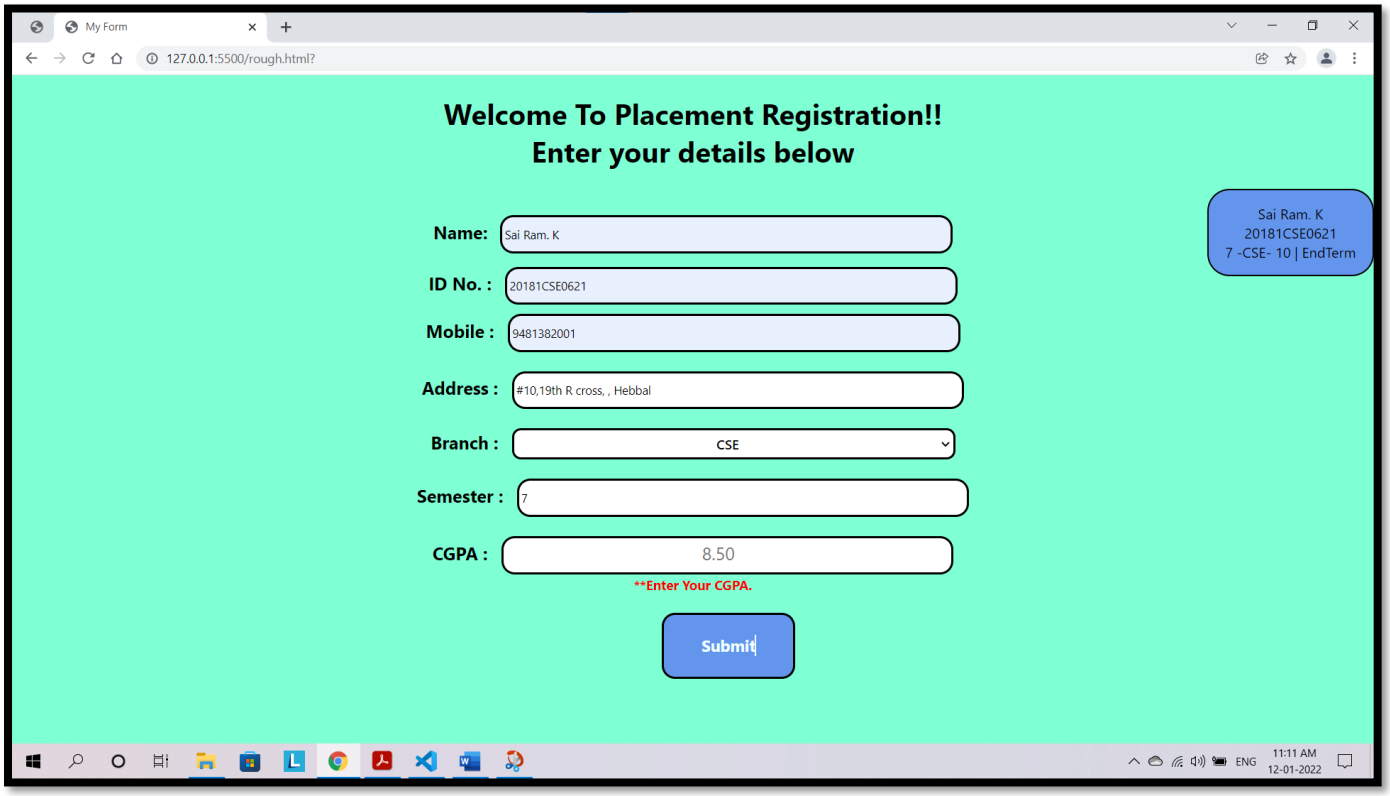
ADDRESS VALIDATION:



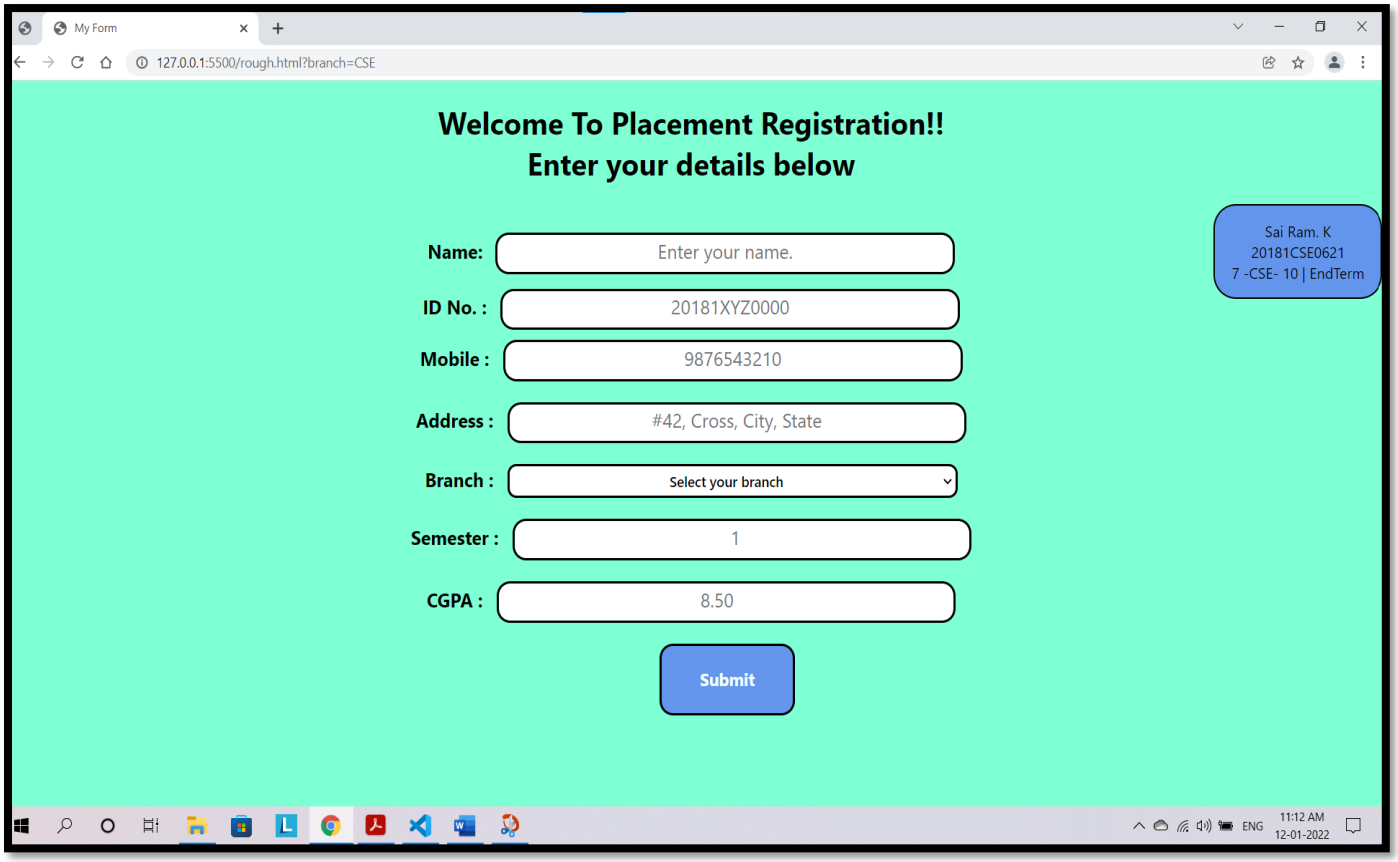
SEMESTER VALIDATION:



CGPA VALIDATION:



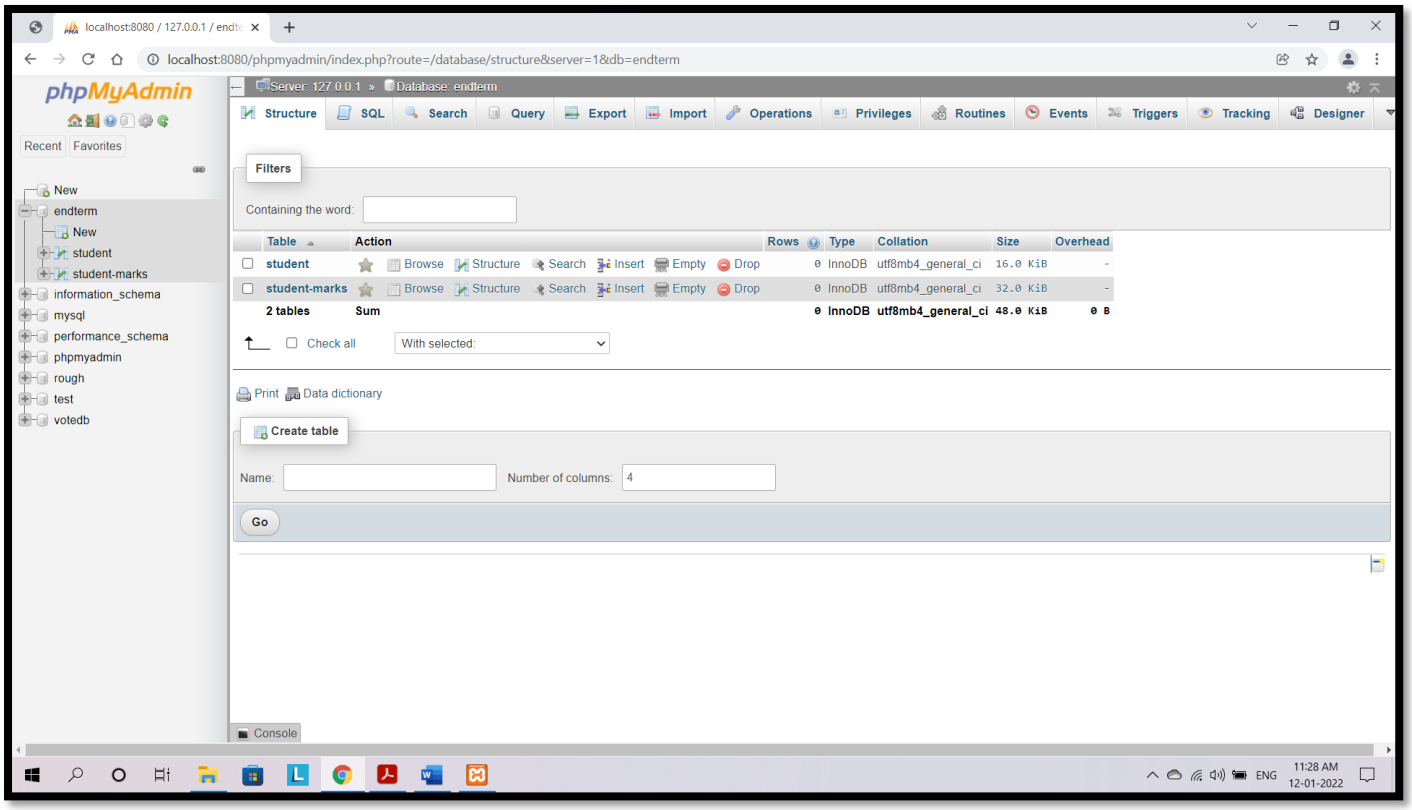
OVERALL OUTPUT :



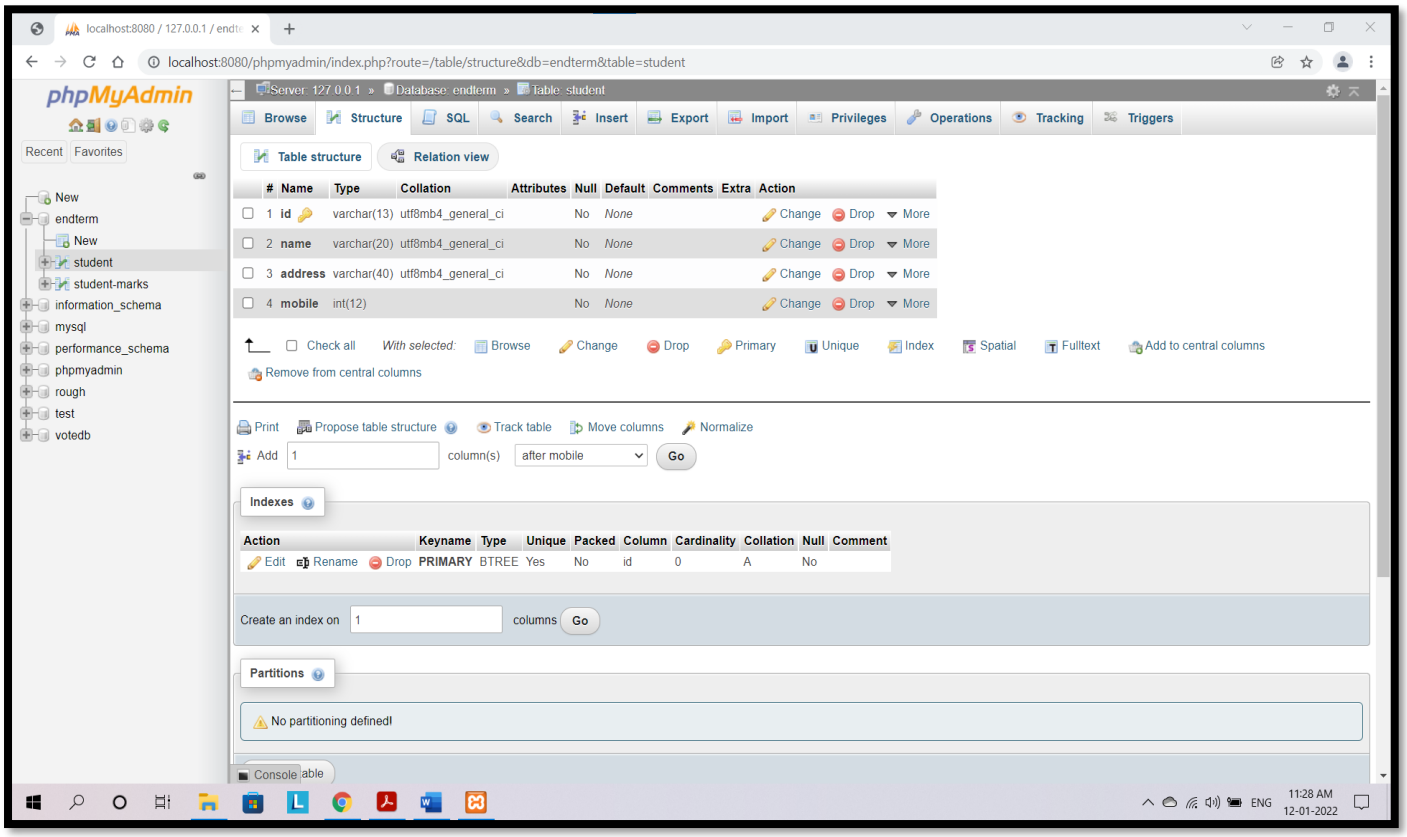
Question 2.

Creation of DB and Tables

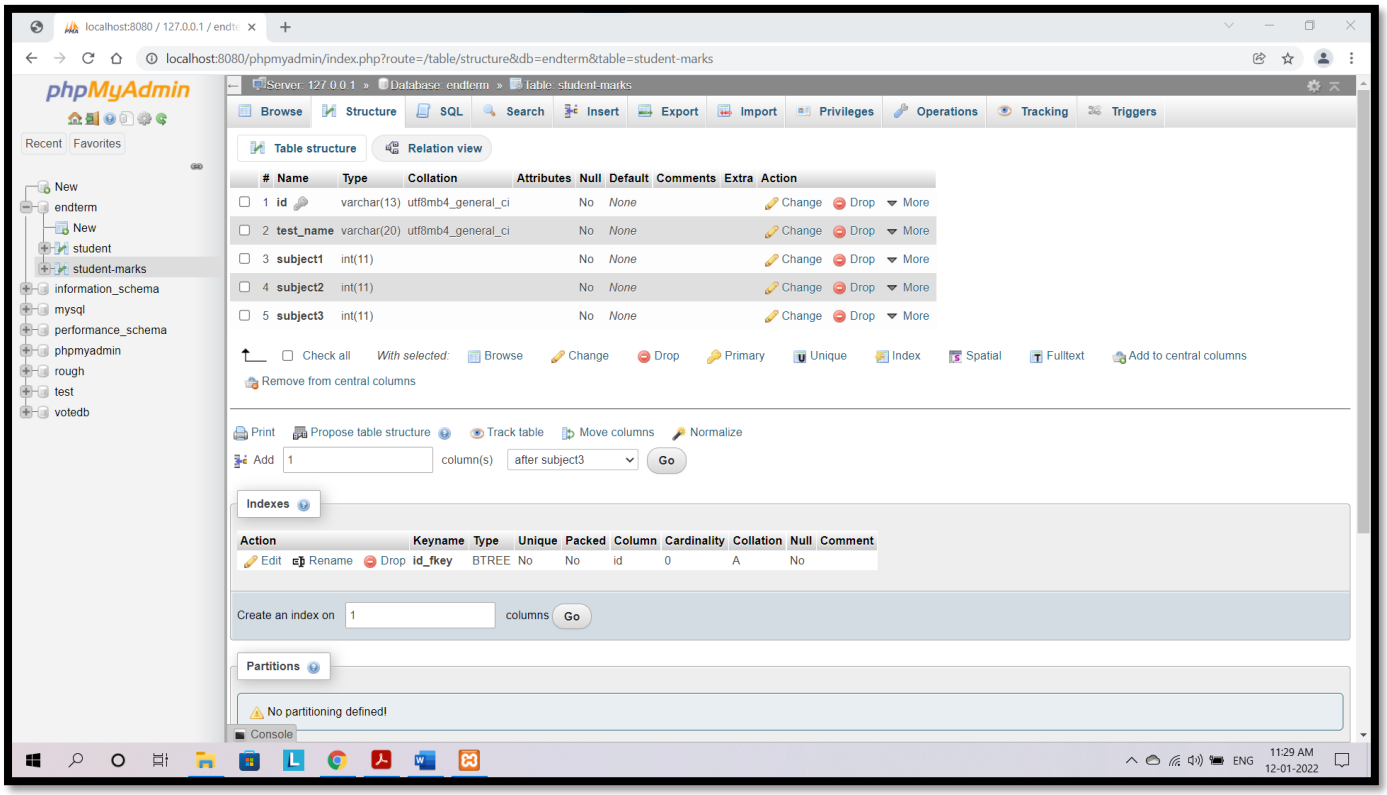
DATABASE



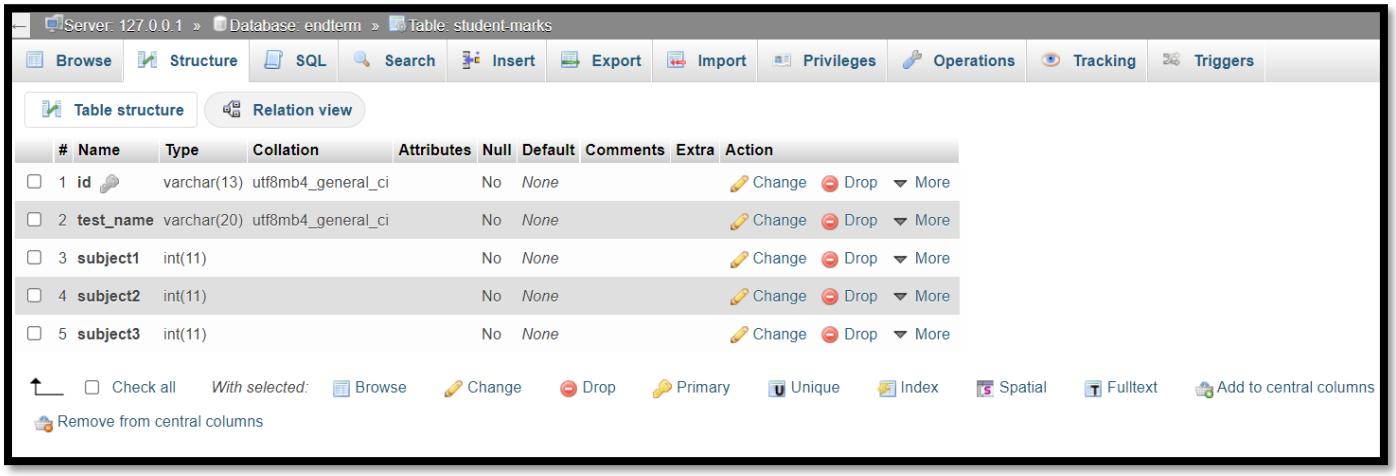
Student Table

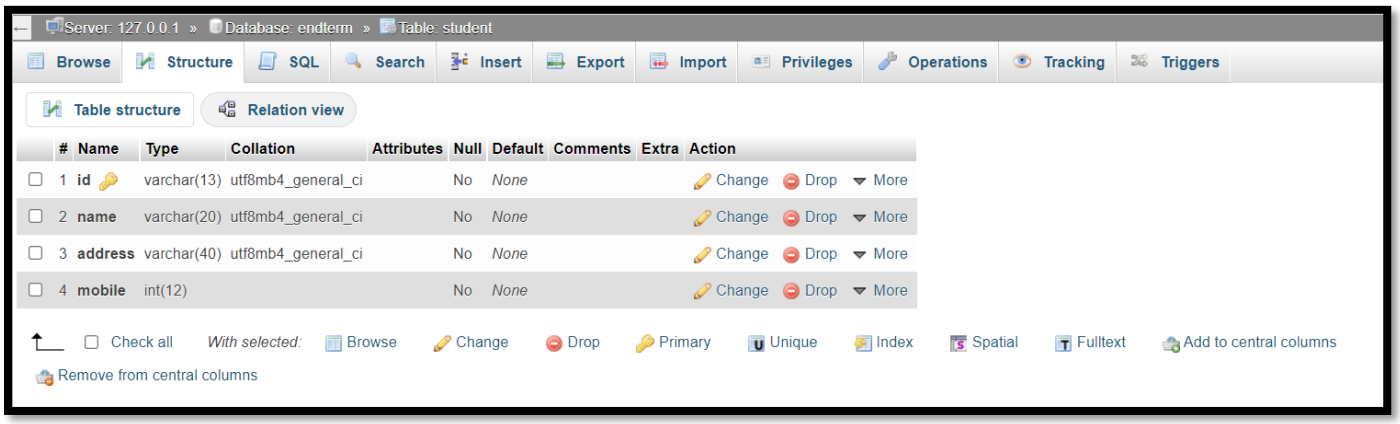


Student Marks Table



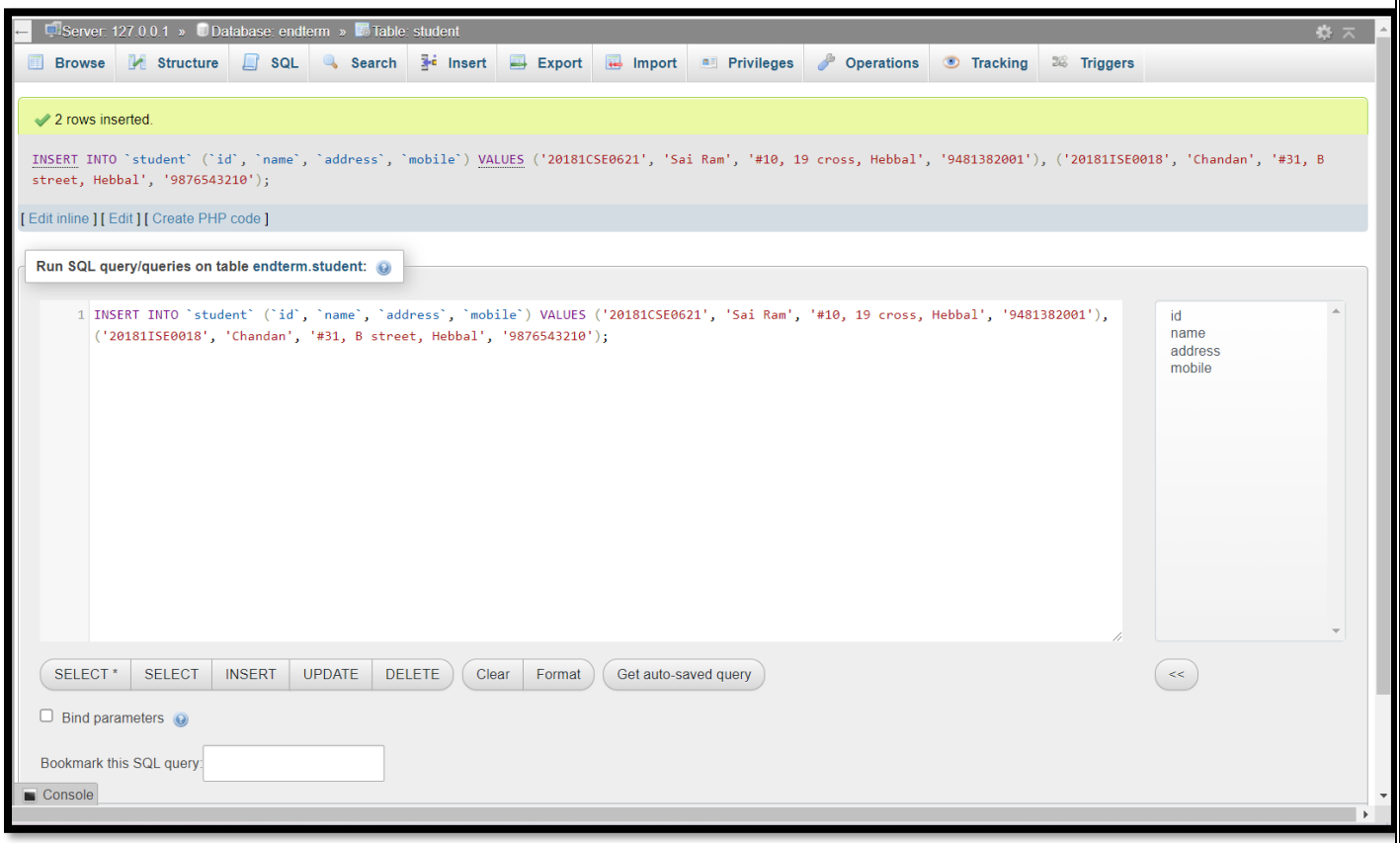
Structure of Table



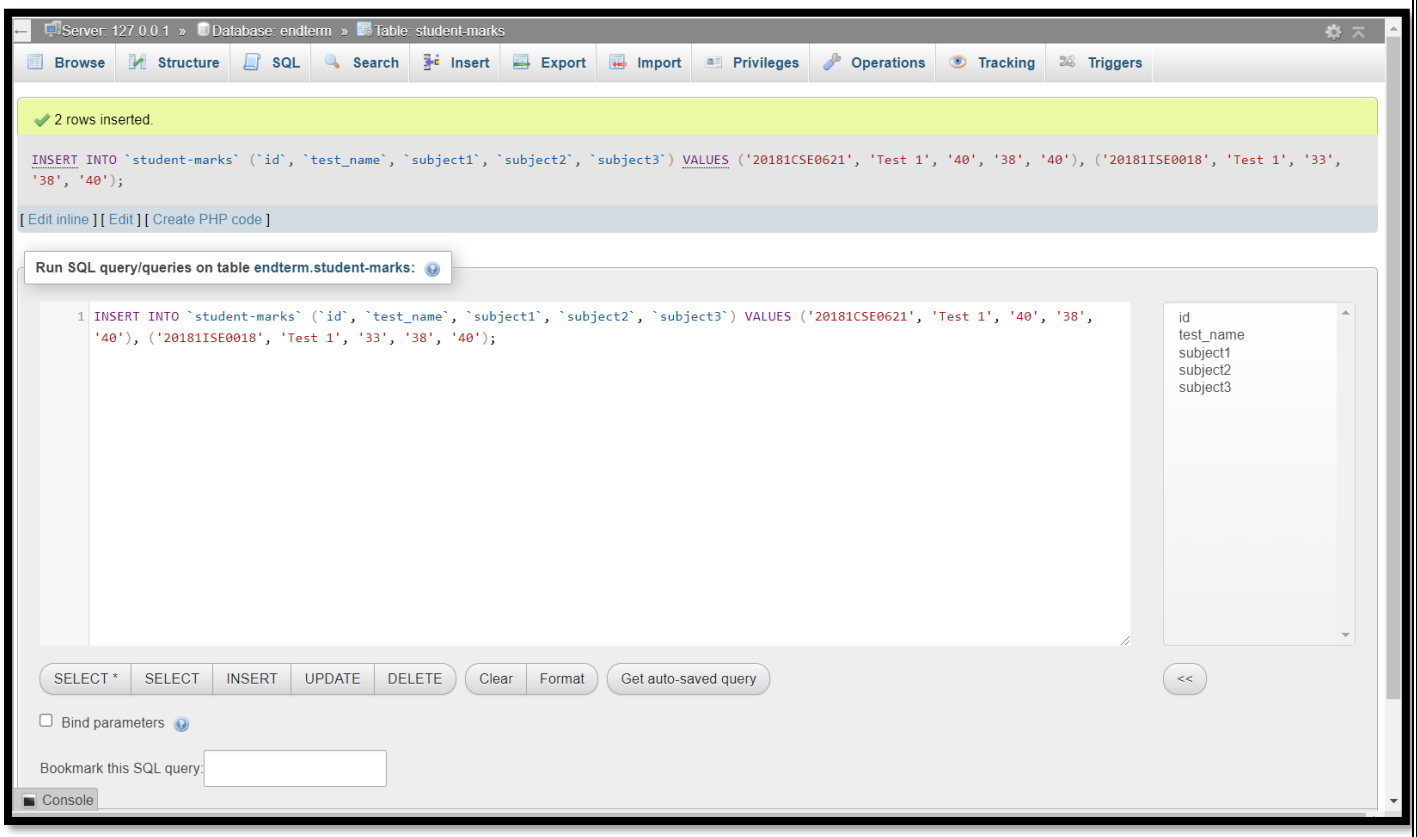


Insertion of Data into Tables

Inserting records in Student table



Inserting records in Marks table



Creation of HTML PAGE

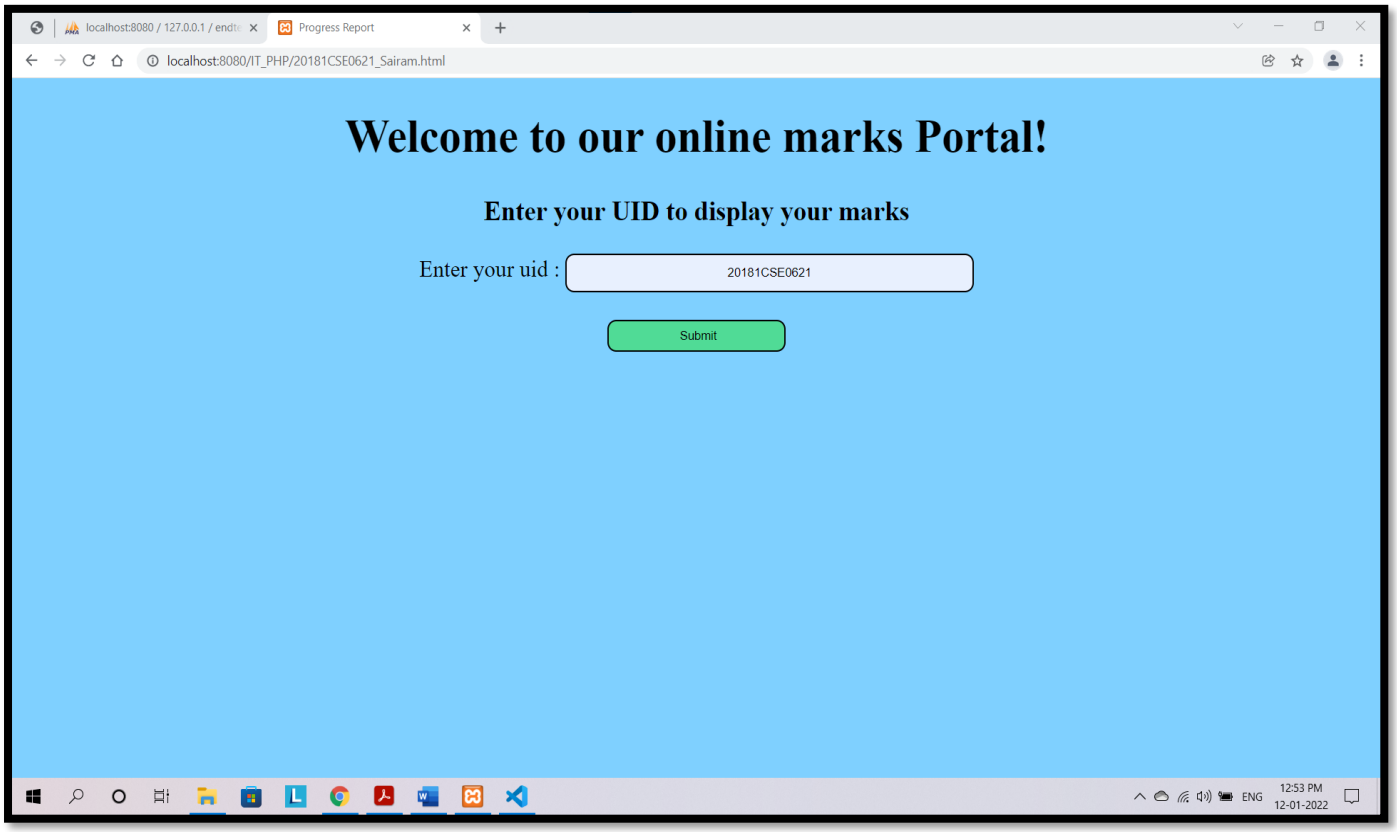
HTML CODE:

```
<!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>Progress Report </title>
</head>
<style>
    body{
        background-color: rgb(127, 208, 255);
        text-align: center;
        font-size: 25px;
    }
    #form input{
        text-align: center;
        border: 2px solid black;
        width: 450px;
        height: 35px;
        border-radius: 10px;
        outline: none;
    }
    #submit{
        width: 200px;
        height: 35px;
        text-align: center;
        background-color: rgb(80, 219, 150);
        border-radius: 10px;
        border: 2px solid black;
        cursor: pointer;
        outline: none;
        padding-left: 10px;
    }
</style>
<body>
    <h1>Welcome to our online marks Portal!</h1>
    <h3>Enter your UID to display your marks</h3>
    <form method="post" action="display.php" id="form">
        <div class="id">
            <label for="uid">Enter your uid :</label>
            <input type="text" id="uid" name="uid" placeholder="Eg: 201810XYZ0000">
        </div><br>
        <button type="submit" id="submit">Submit</button>
    </form>
</body>
</html>


<?php
```

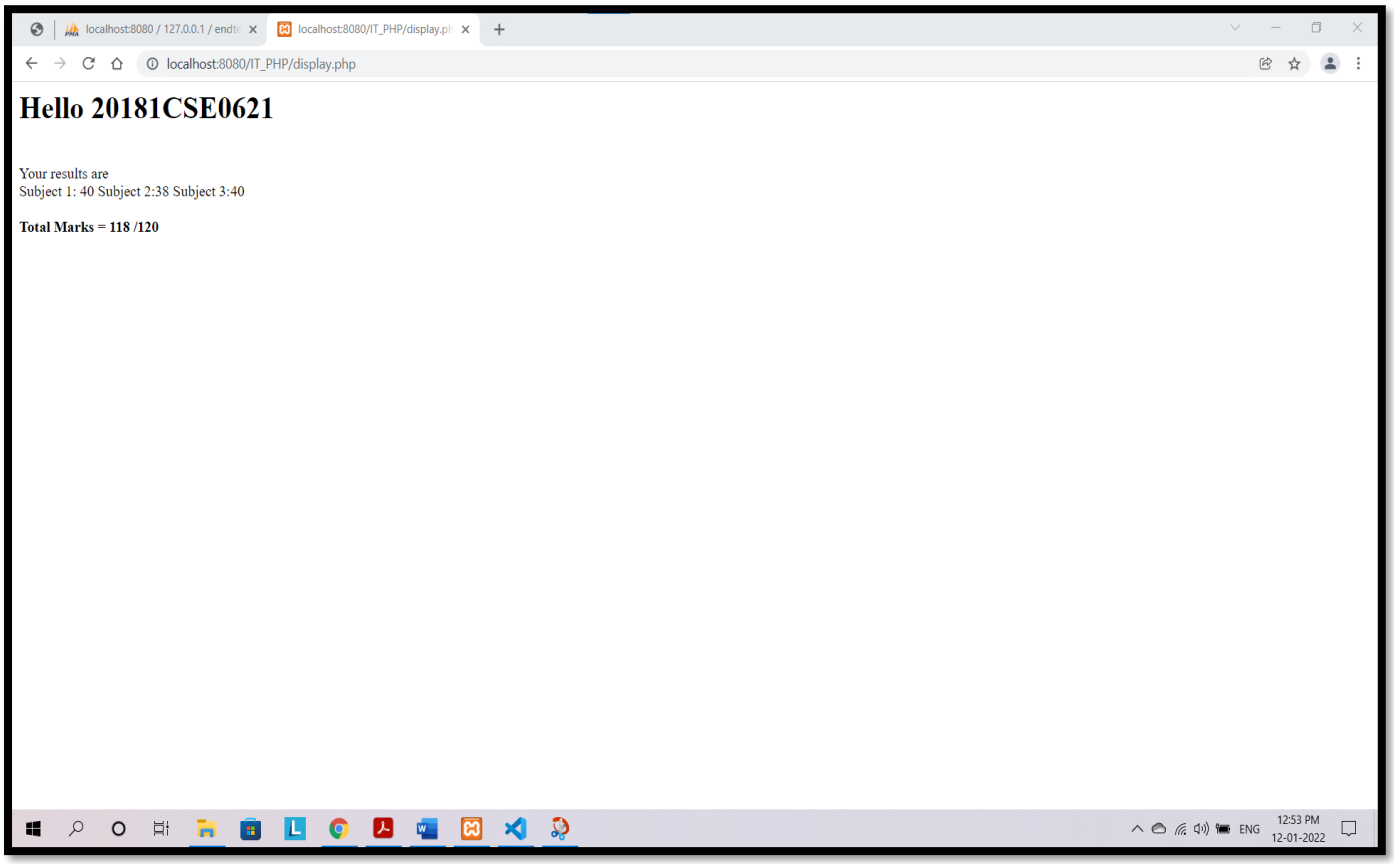
PHP CODE

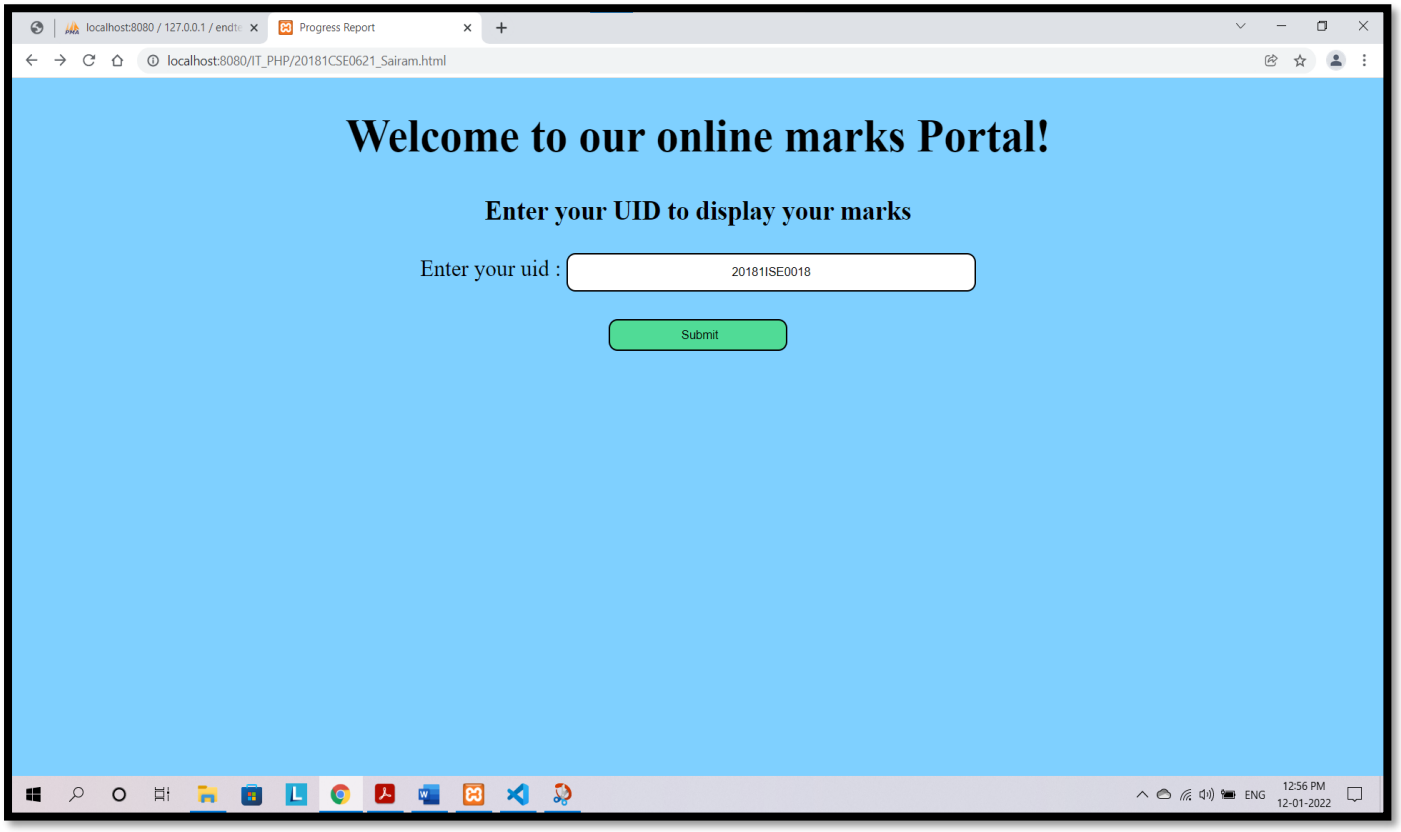
```php
if ($_SERVER['REQUEST_METHOD']=='POST'){
    $uid = $_POST['uid'];
    //echo "$uid";

    $con = mysqli_connect("localhost","root","","endterm");
    if($con){
        //$sql = "INSERT INTO `student` (`email`, `password`) VALUES ('$email', '$pwd')";
        $sql = "SELECT * from `student_marks` where id='$uid' ";
        $result = mysqli_query($con, $sql);

        if ($result = $con -> query($sql)) {
            while ($row = $result -> fetch_row()) {
                $total = $row[2]+$row[3]+$row[4];
                echo "<h1>Hello $uid </h1><br>";
                echo "Your results are<br>";
              printf ("Subject 1: %s\nSubject 2:%s\n Subject 3:%s\n\n ",
$row[2],$row[3],$row[4],$row[4]);
              echo "<br><br><strong>Total Marks = $total /120 </strong>";
            }
            $result -> free_result();
          }

        else{
            echo "The marks were not obtained successfully because of this error ---> ".
mysqli_error($con);
        }
    }
else{
        echo 'Not Connected';
    }
}

?>
```

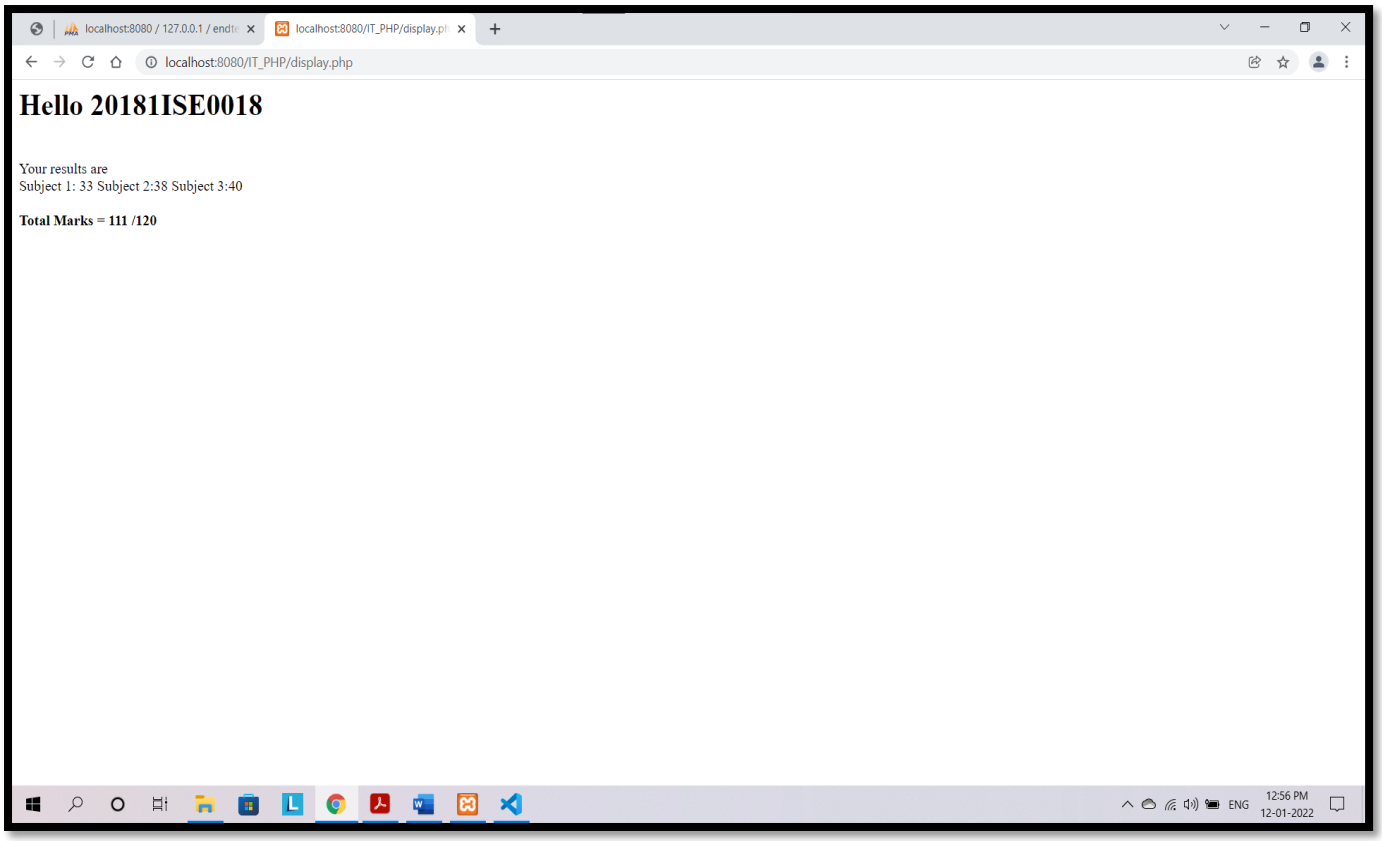
OUTPUT SCREENSHOT



TOTAL MARKS OUTPUT




Progress Report
localhost:8080/IT_PHP/20181CSE0621_Sairam.html
Welcome to our online marks Portal!
Enter your UID to display your marks
Enter your uid :
20181ISE0018
Submit


localhost:8080/IT_PHP/display.php
Hello 20181ISE0018
Your results are
Subject 1: 33 Subject 2:38 Subject 3:40
Total Marks = 111 /120