Lab Exercise [4,5,6]

4) Program using XML Schema

Employee.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type='text/xsl' href='Employee.xsl'?>

<employeedetails>

<details>
<name>Arun</name>
<age>65</age>
<position>Manager</position>
<salary>100000</salary>
</details>

<details>
<name>Arul</name>
<age>21</age>
<position>Executive</position>
<salary>50000</salary>
</details>

<details>
<name>Ram</name>
<age>32</age>
<position>Frontend Developer</position>
<salary>50000</salary>
</details>

<details>
<name>Varun</name>
<age>35</age>
<position>Backend Developer</position>
<salary>50000</salary>
</details>

<details>
<name>Shyam</name>
<age>28</age>
<position>FullStack Developer</position>
<salary>70000</salary>
</details>

<details>
    <name>Ravi</name>
    <age>40</age>
```

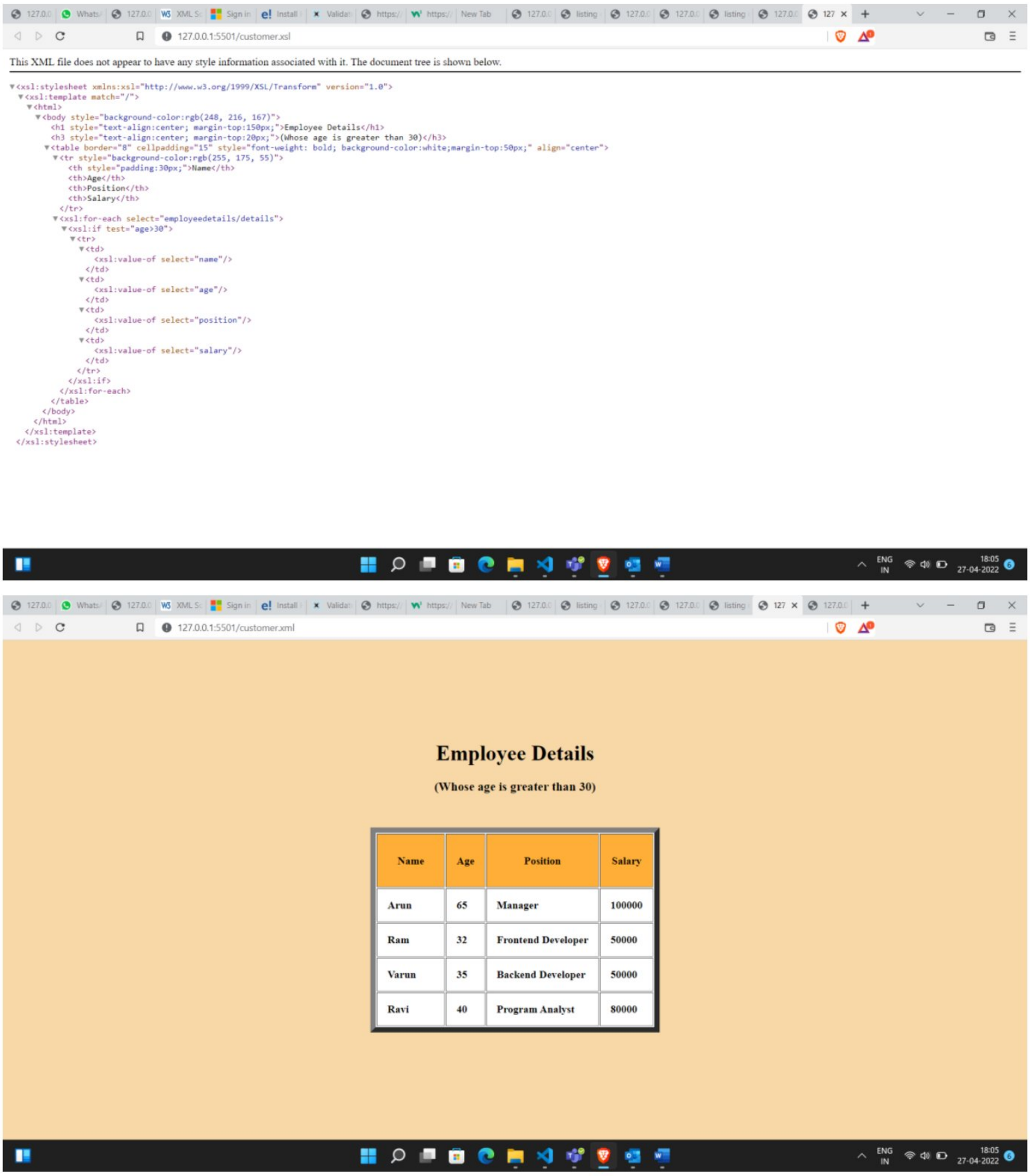
```
    <position>Program Analyst</position>
    <salary>80000</salary>
    </details>

</employeedetails>
```

5) Program using XSLT/XSL

Employees.xsl

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body style="background-color:rgb(248, 216, 167)">
<h1 style="text-align:center; margin-top:150px;">Employee Details</h1>
<h3 style="text-align:center; margin-top:20px;">(Whose age is greater than 30)</h3>
  <table border="8" cellpadding="15"
        style="font-weight: bold; background-color:white;margin-top:50px;" align="center" >
  <tr style="background-color:rgb(255, 175, 55)">
    <th style="padding:30px;">Name</th>
    <th>Age</th>
    <th>Position</th>
    <th>Salary</th></tr>
<xsl:for-each select="employeedetails/details">
<xsl:if test="age>30">
      <tr>
        <td><xsl:value-of select="name"/></td>
        <td><xsl:value-of select="age"/></td>
        <td><xsl:value-of select="position"/></td>
        <td><xsl:value-of select="salary"/></td>
      </tr>
    </xsl:if>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
```


127.0.0.1:5501/customer.xsl
This XML file does not appear to have any style information associated with it. The document tree is shown below.
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
<xsl:template match="/">
<html>
<body style="background-color:rgb(248, 216, 167)">
<h1 style="text-align:center; margin-top:150px;">Employee Details</h1>
<h3 style="text-align:center; margin-top:20px;">(Whose age is greater than 30)</h3>
<table border="8" cellpadding="15" style="font-weight: bold; background-color:white;margin-top:50px;" align="center">
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<th>Salary</th>
</tr>
<xsl:for-each select="employeedetails/details">
<xsl:if test="age>30">
<tr>
<td>
<xsl:value-of select="name"/>
</td>
<td>
<xsl:value-of select="age"/>
</td>
<td>
<xsl:value-of select="position"/>
</td>
<td>
<xsl:value-of select="salary"/>
</td>
</tr>
</xsl:if>
</xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>
127.0.0.1:5501/customer.xml
Employee Details
(Whose age is greater than 30)
Name
Age
Position
Salary
Arun
65
Manager
100000
Ram
32
Frontend Developer
50000
Varun
35
Backend Developer
50000
Ravi
40
Program Analyst
80000

6) Web application development using PHP

Index.html

```
<html>
   <head>
      <title>Home</title>
      <style>
         body{

            max-width: max-content;
            margin: auto;
            margin-top:70px;
         }
         </style>
   </head>
   <body>
      <a href="staff.html"><button>Staff</button></a>
      <a href="student.html"><button>Student</button></a>
   </body>
</html>
```

staff.html

```
<html>
<html>
   <head>
      <title>Staff</title>
      <style>
         body{

            max-width: max-content;
            margin: auto;
            margin-top:70px;
         }
         </style>
   </head>
   <body>
      <a href="addstud.html">
         <button>ADD Student detsils</button>
      </a> <br> <br>

<a href="remstud.html">
   <button>REMOVE Student detsils</button>
</a> <br> <br>

<a href="dispstud.php">
   <button>DISPLAY Student details</button>
</a>  <br>
```

```
    </body>
</html>
```

student.html

```
<html>
    <head>
        <title>Staff</title>
        <style>
            body{

                max-width: max-content;
                margin: auto;
                margin-top:70px;
            }
            </style>
    </head>
    <body>

        <a href="dispstud.php"><button>View Mark</button></a>
    </body>
</html>
```

addstud.html

```
<html>
    <head>
        <title>Student Details</title>
        <style>
            body{

                max-width: max-content;
                margin: auto;
                margin-top:70px;
            }
            </style>
    </head>
    <body>
    <form method="post" action="addstu_det.php">
        <div class="container ProductBox">
            <h1>Add Student details</h1>
            <div class="input-group">
                <input class="form-control" type="text" name="rollno" placeholder="Roll no">
            </div><br>
            <div class="input-group">
                <input class="form-control" type="text" name="name" placeholder="Student Name">
            </div><br>
```

```
    <div class="input-group">
      <input class="form-control" type="text" name="dept" placeholder="Department">
    </div><br>
    <div class="input-group">
      <input class="form-control" type="text" name="subject" placeholder="Subject">
    </div><br>
    <div class="input-group">
      <input class="form-control" type="number" name="mark" placeholder="Mark">
    </div><br>
      <button class="btn btn-primary" type="submit">Add Student</button>
  </div>
 </form>
</body>
</html>
```

addstu_det.php

```
<?php
$servername = "localhost:3307";
$username = "root";
$password = "";
$dbname = "students";

$stu_rn = $_POST['rollno'];
$stu_name = $_POST['name'];
$stu_dept = $_POST['dept'];
$stu_sub = $_POST['subject'];
$stu_mark = $_POST['mark'];


$conn = new mysqli('localhost:3307','root','','students');

if ($conn->connect_error) {
  die("Connection failed: " . $conn->connect_error);
}

$sql = "INSERT INTO studentdetails (rollno,name, dept, subject,mark)
VALUES ('".$stu_rn."', '".$stu_name."', '".$stu_dept."', '".$stu_sub."', '".$stu_mark."')";

if ($conn->query($sql) === TRUE) {
  echo "student details added successfully";
} else {
  echo "Error: " . $sql . "<br>" . $conn->error;
}
?>
```

remstud.html

```
<html>
   <head>
      <title>Remove Employee</title>
      <style>
         body{

            max-width: max-content;
            margin: auto;
            margin-top:70px;
         }
         </style>
   </head>
   <body>
      <form method="post" action="remstud.php">
         <div class="container ProductBox">
            <h1>Remove Student details</h1>
            <div class="input-group">
               <input class="form-control" type="text" name="St_rollno" placeholder="Enter Roll no">
            </div><br>
               <button class="btn btn-primary" type="submit">Remove Student details</button>
         </div>
      </form>
   </body>
</html>
```

remstud.php

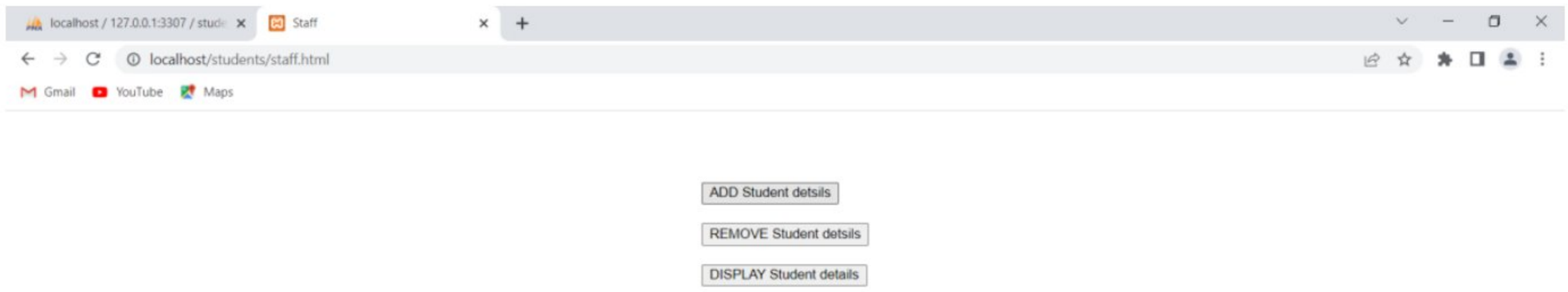
```
<html>
   <head>
      <title>Remove Employee</title>
      <style>
         body{

            max-width: max-content;
            margin: auto;
            margin-top:70px;
         }
         </style>
   </head>
   <body>
      <form method="post" action="remstud.php">
         <div class="container ProductBox">
            <h1>Remove Student details</h1>
            <div class="input-group">
               <input class="form-control" type="text" name="St_rollno" placeholder="Enter Roll no">
            </div><br>
               <button class="btn btn-primary" type="submit">Remove Student details</button>
         </div>
```

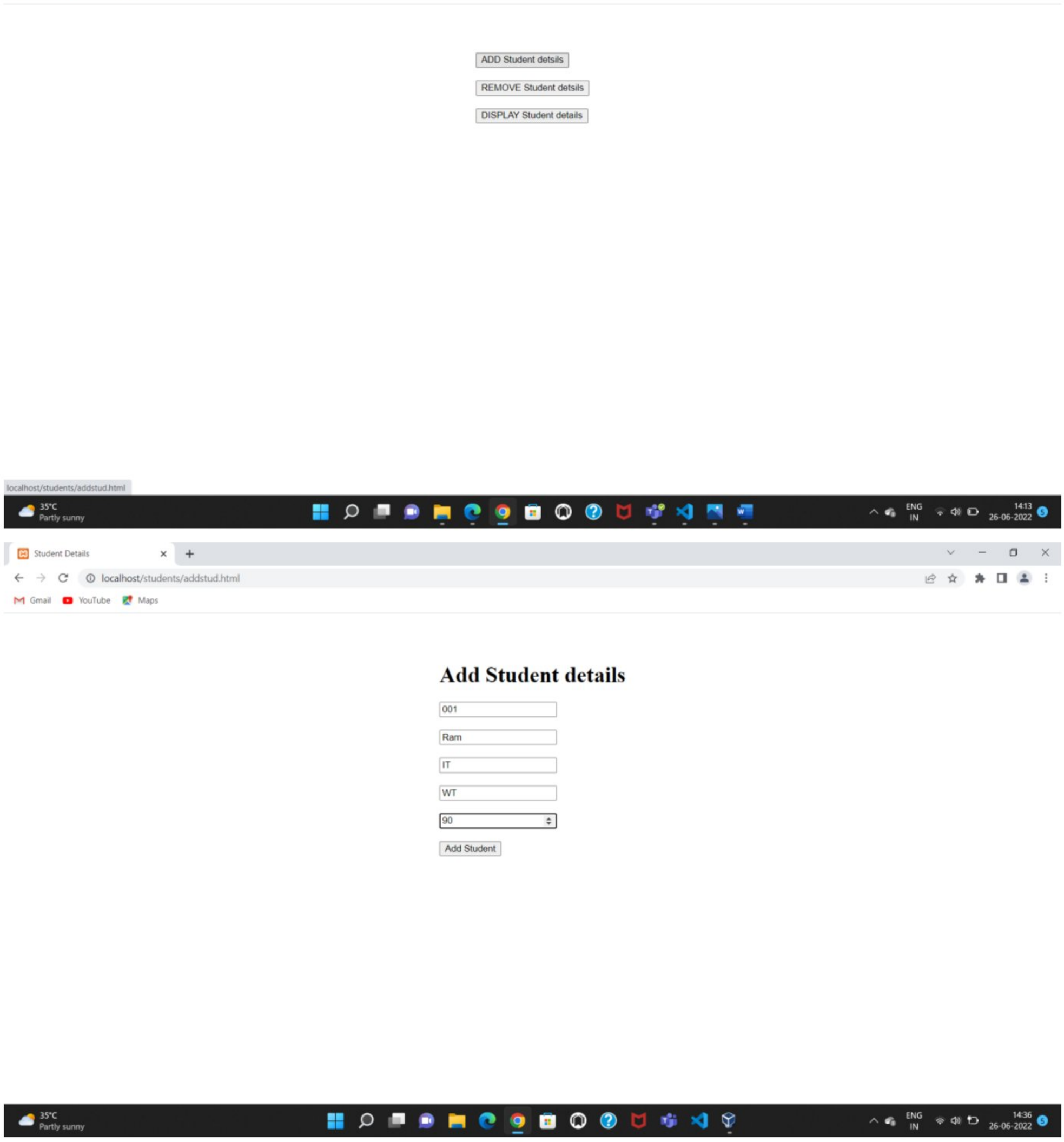
```
        </form>
    </body>
</html>
```

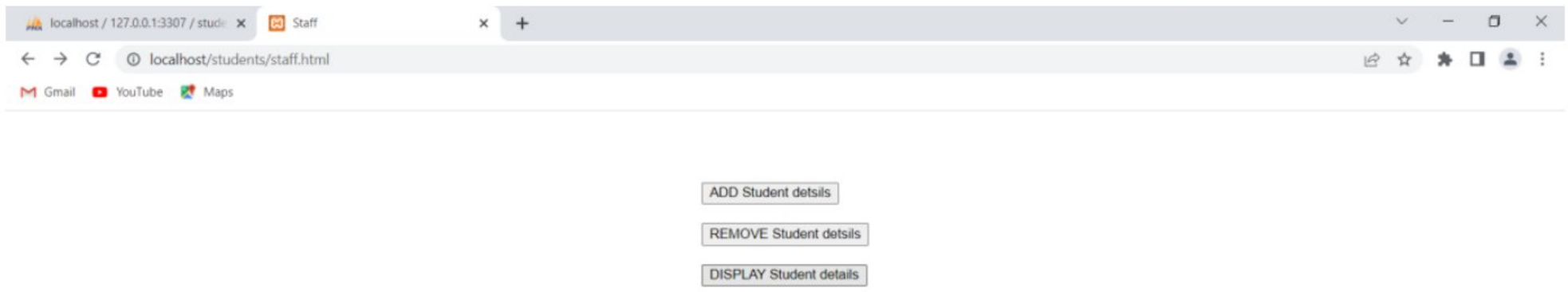
dispstud.php

```
<html>
    <head>
<head>
    <title>Student detsils</title>
    <style type = "text/css">
    body{

        max-width: max-content;
        margin: auto;
        margin-top:70px;
    }
    table{
        border-collapse: collapse;
        width: 100%
        color: blue;
        font-family: monoscope;
        font-size:25px;
        text-align: center;
}

th{
    background-color : blue;
    color: white;

}
th,td{
padding-left:10px;
width:150px;
text-align: left;
}


    tr:nth-child(even) (background-color: blue)
    </style>
</head>
<body>

    <table >
        <tr>
            <th>Roll NO</th>
            <th>Name</th>
            <th>Deparment</th>
```

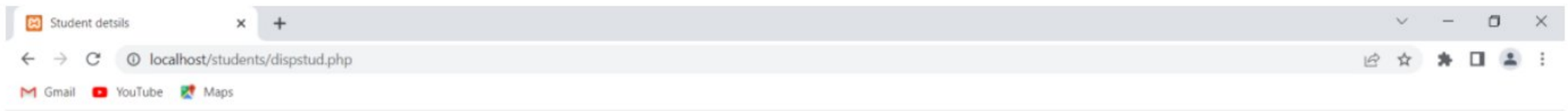
```
    <th>Subject</th>
    <th>Mark</th>

</tr>

<?php
$conn = mysqli_connect('localhost:3307','root','','students');
$sql = "SELECT * FROM studentdetails";
$result = $conn->query($sql);

        if ($result->num_rows > 0)
        {
            while ($row = $result-> fetch_assoc()) {
                echo "<tr><td>" . $row["rollno"] . "</td><td>" . $row["name"] . "</td><td>" . $row["dept"] .
"</td><td>" . $row["subject"] . "</td> <td>" . $row["mark"] . "<td> </tr>";
            }
        }
        else {
            echo "No Results";
        }
        $conn->close();
        ?>
      </table>
   </body>
</html>
```


localhost / 127.0.0.1:3307 / stude
Staff
localhost/students/staff.html
Gmail
YouTube
Maps
ADD Student detsils
REMOVE Student detsils
DISPLAY Student details

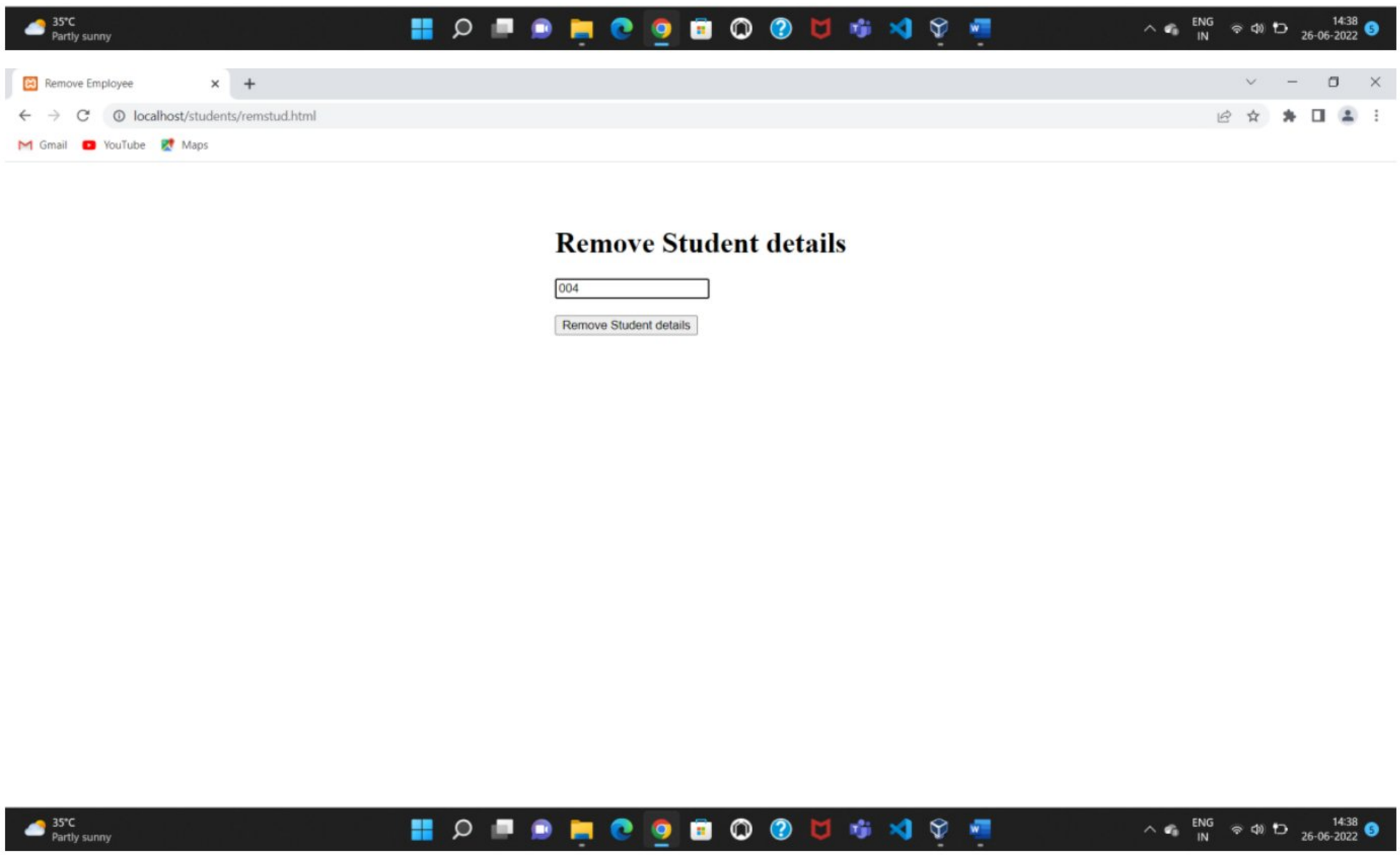

localhost/students/addstud.html
35°C
Partly sunny
ENG
IN
14:13
26-06-2022
Student Details
localhost/students/addstud.html
Gmail
YouTube
Maps
Add Student details
001
Ram
IT
WT
90
Add Student
35°C
Partly sunny
ENG
IN
14:36
26-06-2022


localhost / 127.0.0.1:3307 / stude
Staff
localhost/students/staff.html
Gmail
YouTube
Maps
ADD Student detsils
REMOVE Student detsils
DISPLAY Student details

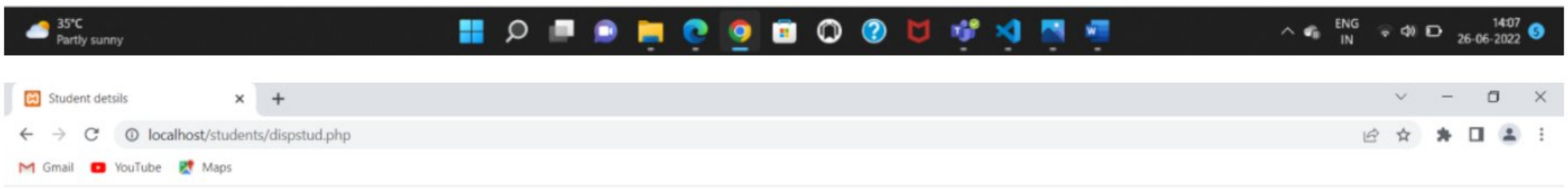
localhost/students/dispstud.php
35°C
Partly sunny
ENG
IN
14:13
26-06-2022



Roll NO	Name	Deparment	Subject	Mark
001	Ram	IT	WT	90
002	Suresh	CSE	WT	80
003	Kumar	CSE	WT	85
004	Raj	IT	WT	95

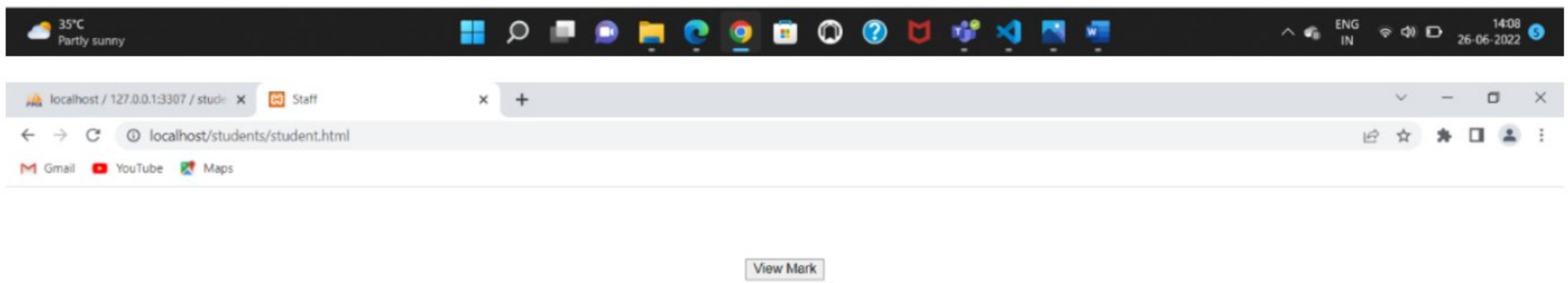


student details Has Been Removed

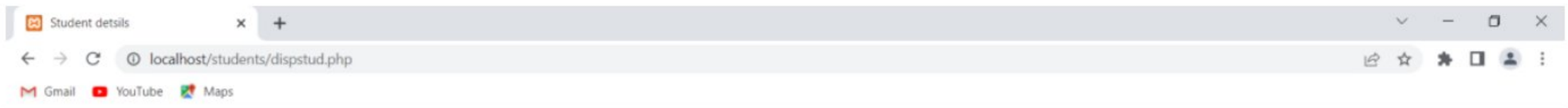
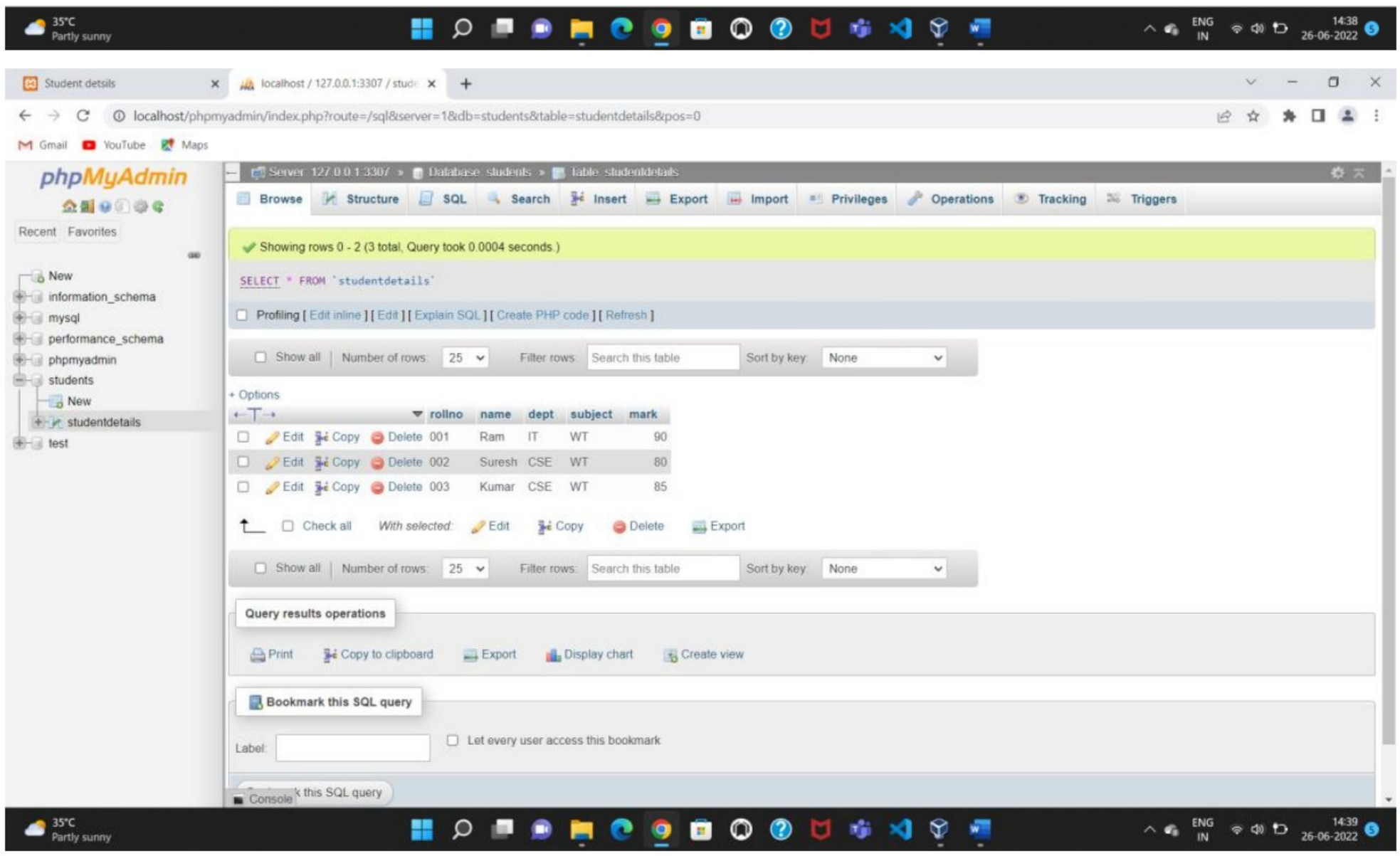


Roll NO	Name	Deparment	Subject	Mark
001	Ram	IT	WT	90
002	Suresh	CSE	WT	80
003	Kumar	CSE	WT	85

localhost / 127.0.0.1:3307 / stude
Home
localhost/students/
Gmail
YouTube
Maps
Staff
Student


35°C
Partly sunny
ENG
IN
14:08
26-06-2022
localhost / 127.0.0.1:3307 / stude
Staff
localhost/students/student.html
Gmail
YouTube
Maps
View Mark

35°C
Partly sunny
ENG
IN
14:08
26-06-2022



Roll NO	Name	Deparment	Subject	Mark
001	Ram	IT	WT	90
002	Suresh	CSE	WT	80
003	Kumar	CSE	WT	85
004	Raj	IT	WT	95