**Code**

**Assignmetn6.php :**

**Register.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>PG Facilities Form</title>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<style>

body {

font-family: Arial, sans-serif;

background-color: #e3f2fd;

color: #333;

margin: 0;

padding: 20px;

}

h2 {

text-align: center;

color: #1565c0;

}

form {

max-width: 500px;

margin: 0 auto;

padding: 20px;

background-color: #fff;

border-radius: 8px;

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

label {

font-weight: bold;

display: block;

margin-top: 10px;

}

input, select, textarea {

width: 100%;

padding: 8px;

margin-top: 5px;

border: 1px solid #ccc;

border-radius: 4px;

}

button {

width: 100%;

padding: 10px;

background-color: #1565c0;

color: white;

border: none;

border-radius: 4px;

margin-top: 15px;

cursor: pointer;

}

button:hover {

background-color: #0d47a1;

}

.error {

color: red;

font-size: 0.9em;

}

</style>

</head>

<body>

<h2>Student PG Facility Preferences</h2>

<form id="pgForm" method="post" action="assignment6.php">

<label for="name">Name:</label>

<input type="text" id="name" name="name">

<span class="error" id="nameError"></span>

<label for="email">Email:</label>

<input type="text" id="email" name="email">

<span class="error" id="emailError"></span>

<label for="phone">Phone:</label>

<input type="text" id="phone" name="phone">

<span class="error" id="phoneError"></span>

<label for="pgType">Preferred PG Type:</label>

<select id="pgType" name="pgType">

<option value="">Select</option>

<option value="Shared Room">Shared Room</option>

<option value="Single Room">Single Room</option>

<option value="Attached Bathroom">Attached Bathroom</option>

</select>

<span class="error" id="pgTypeError"></span>

<label for="facilities">Additional Facilities Required:</label>

<textarea id="facilities" name="facilities" placeholder="e.g., WiFi, Laundry, Meals..."></textarea>

<button type="submit" name="Submit" id="Submit" value="Submit">Submit</button>

</form>

<script>

$(document).ready(function() {

$("#pgForm").on("submit", function(event) {

let isValid = true;

$(".error").text("");

const name = $("#name").val().trim();

if (name.length < 3) {

$("#nameError").text("Name must be at least 3 characters long.");

isValid = false;

}

const email = $("#email").val().trim();

const emailRegex = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;

if (!emailRegex.test(email)) {

$("#emailError").text("Enter a valid email.");

isValid = false;

}

const phone = $("#phone").val().trim();

const phoneRegex = /^[0-9]{10}$/;

if (!phoneRegex.test(phone)) {

$("#phoneError").text("Enter a valid 10-digit phone number.");

isValid = false;

}

const pgType = $("#pgType").val();

if (pgType === "") {

$("#pgTypeError").text("Please select a PG type.");

isValid = false;

}

if (!isValid) {

event.preventDefault();

}

});

});

</script>

</body>

</html>

**Assignmetn6.php :**

<?php

// database connection code

$con = mysqli\_connect('localhost', 'root', '', 'collegepreconnect');

// Check if connection was successful

if (mysqli\_connect\_errno()) {

die("Database connection failed: " . mysqli\_connect\_error());

}

// get the post records

$name = $\_POST['name'];

$email = $\_POST['email'];

$pgType = $\_POST['pgType'];

$phone = $\_POST['phone'];

$facilities = $\_POST['facilities'];

// database insert SQL code

$sql = "INSERT INTO `facilities` (`Id`, `name`, `email`, `pg\_type`, `phone`, `facilities`)

VALUES (NULL, '$name', '$email', '$pgType', '$phone', '$facilities')";

// insert in database

$rs = mysqli\_query($con, $sql);

// Check if insertion was successful

if($rs) {

echo "Contact Records Inserted <br><br>";

} else {

echo "Error inserting record: " . mysqli\_error($con);

}

// Fetching and displaying the data from the database

$sql = 'SELECT \* FROM facilities';

$retval = mysqli\_query($con, $sql);

if (!$retval) {

die('Could not fetch data: ' . mysqli\_error($con));

}

while ($row = mysqli\_fetch\_array($retval, MYSQLI\_ASSOC)) {

echo "EMP ID: {$row['Id']} <br> ".

"Name: {$row['name']} <br> ".

"Email: {$row['email']} <br> ".

"Phone: {$row['phone']} <br> ".

"Pg Type: {$row['pg\_type']} <br> ".

"Facilities: {$row['facilities']} <br> ".

"--------------------------------<br>";

}

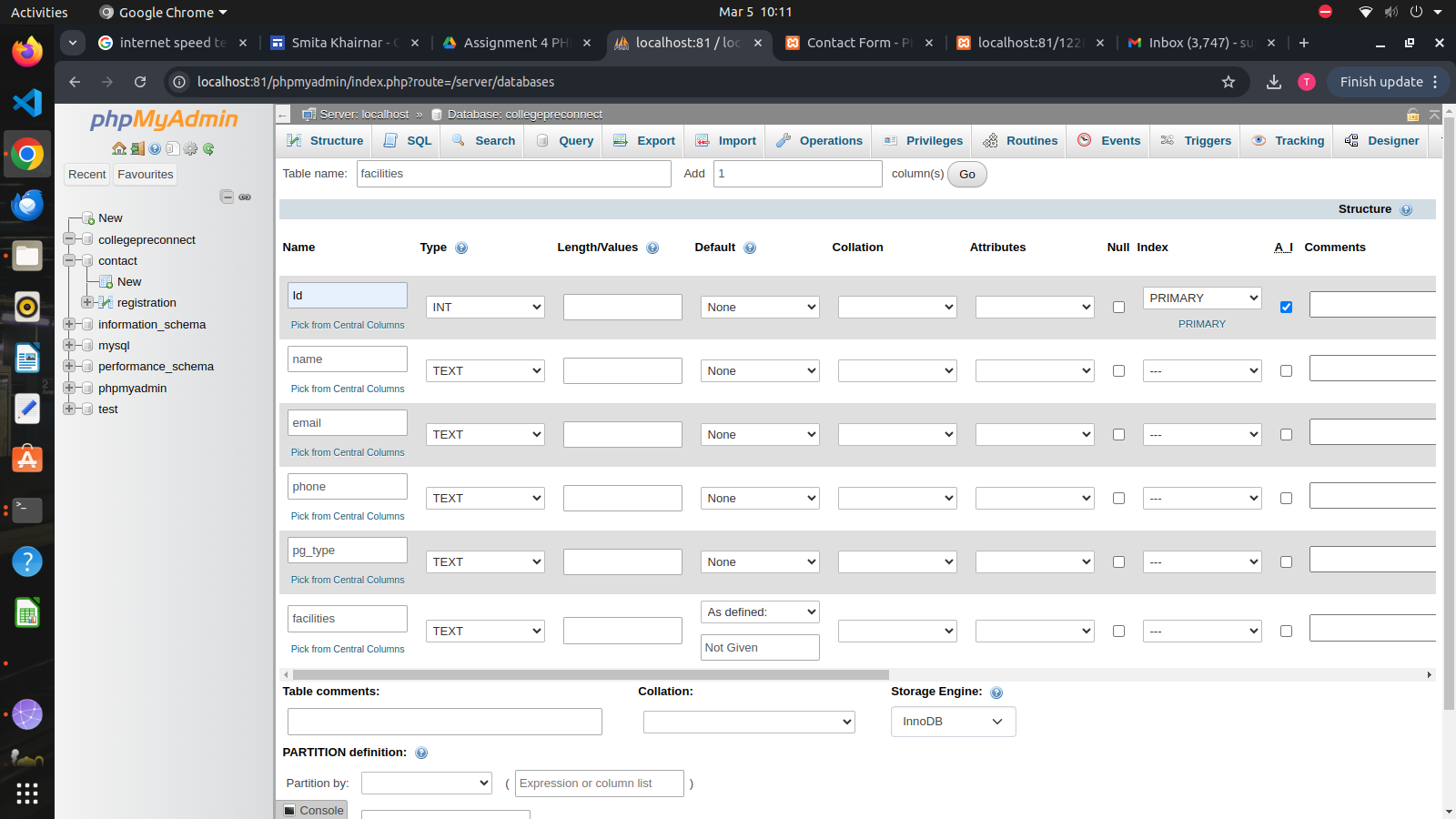
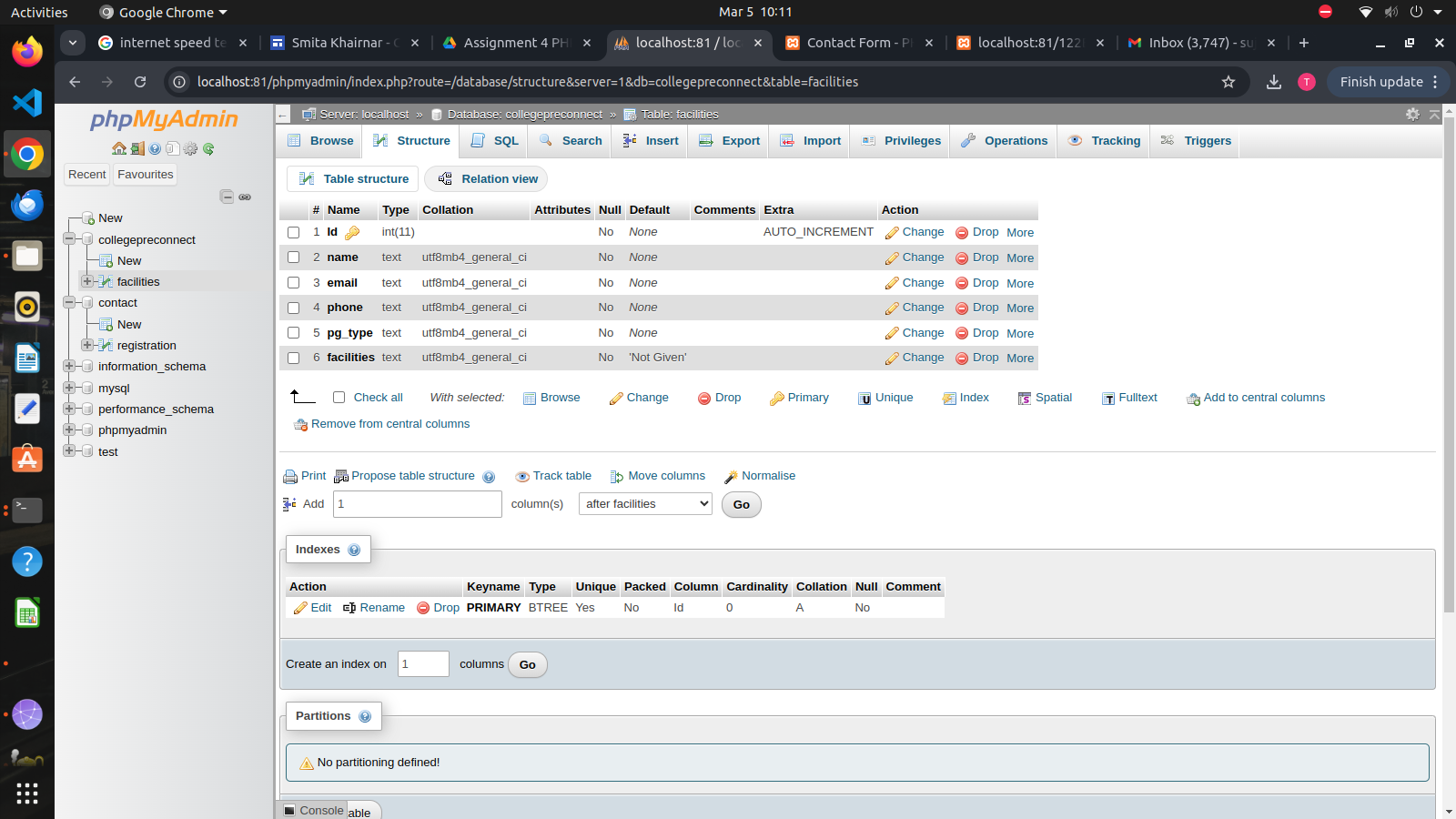
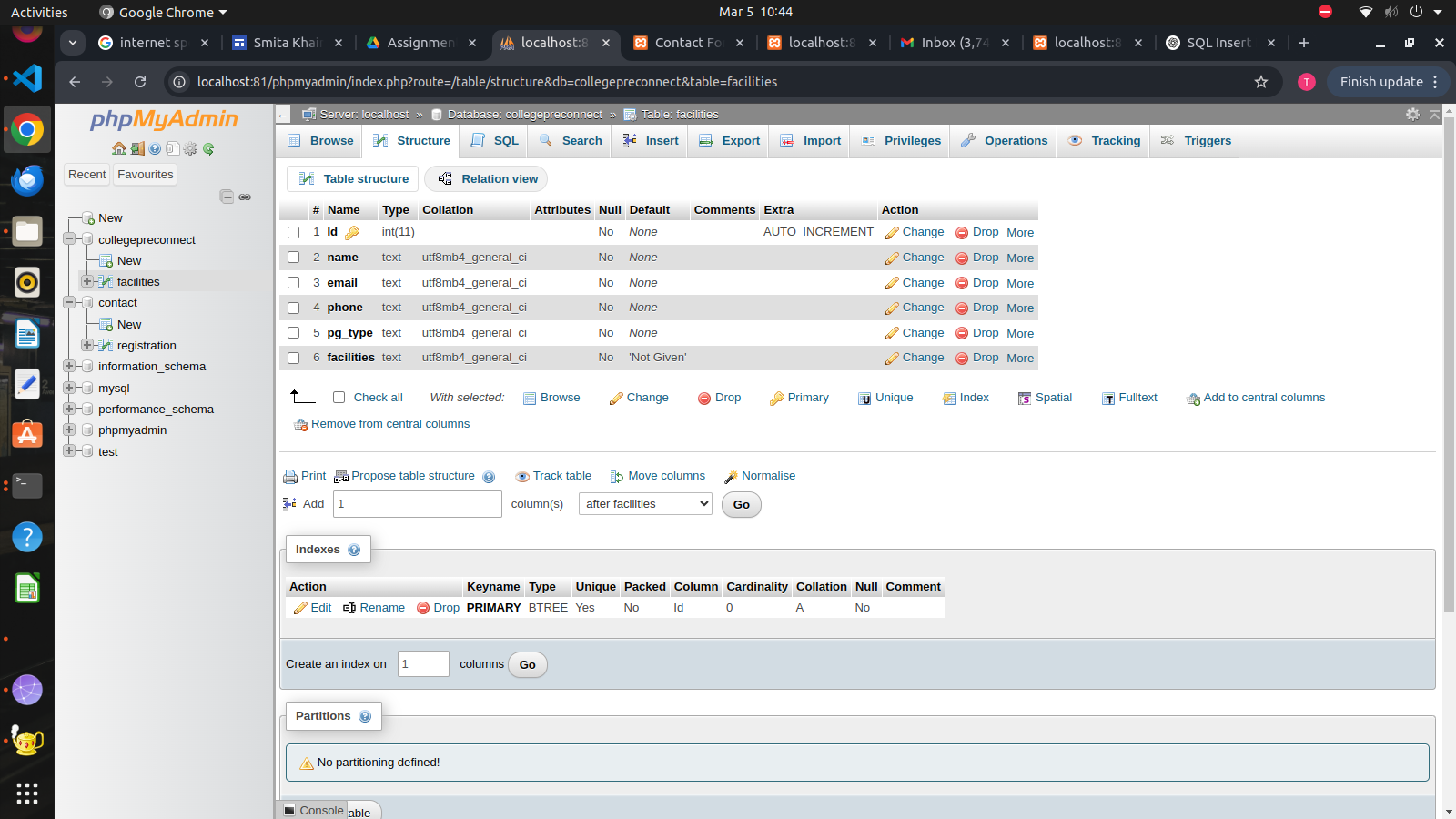
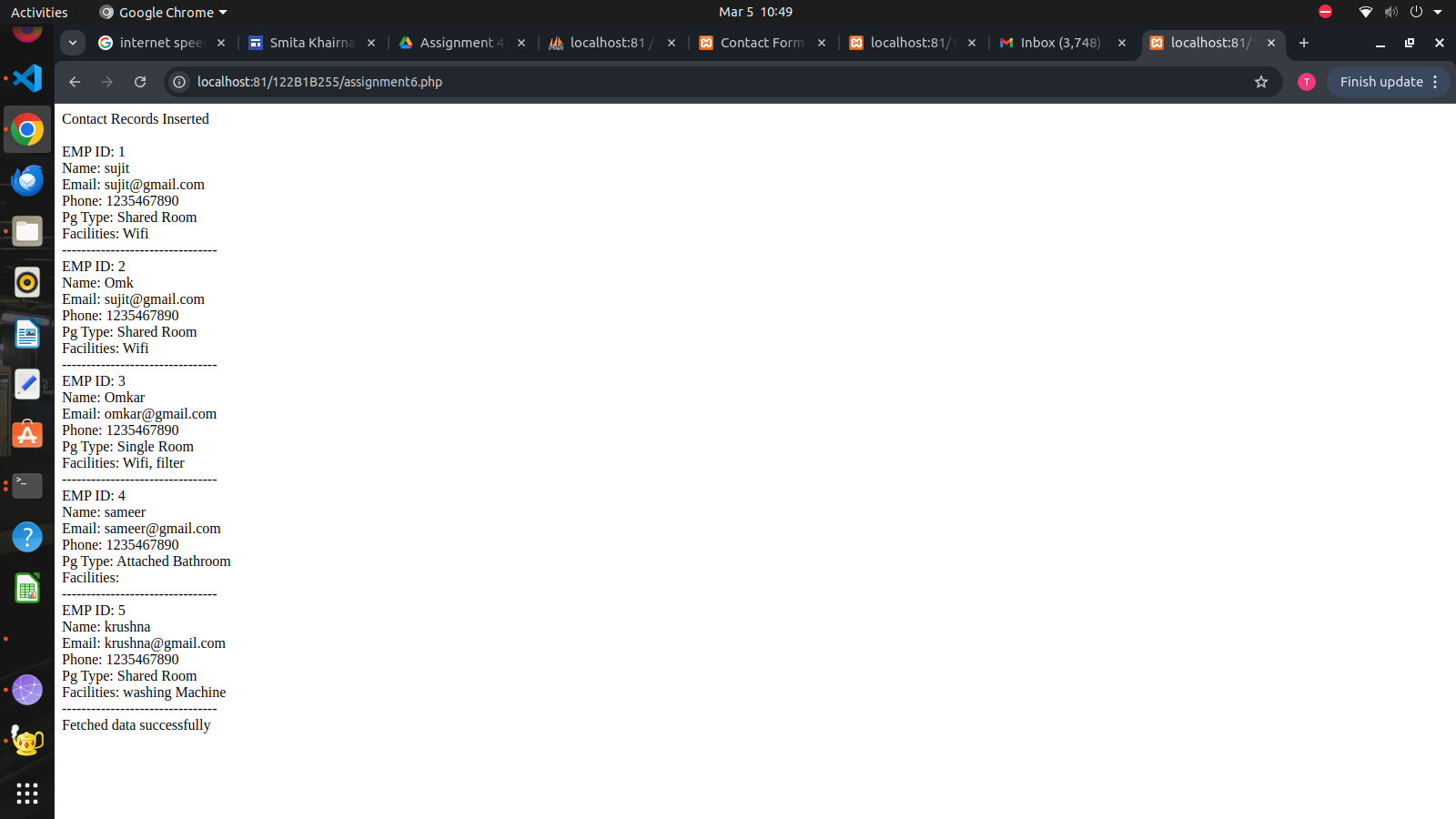
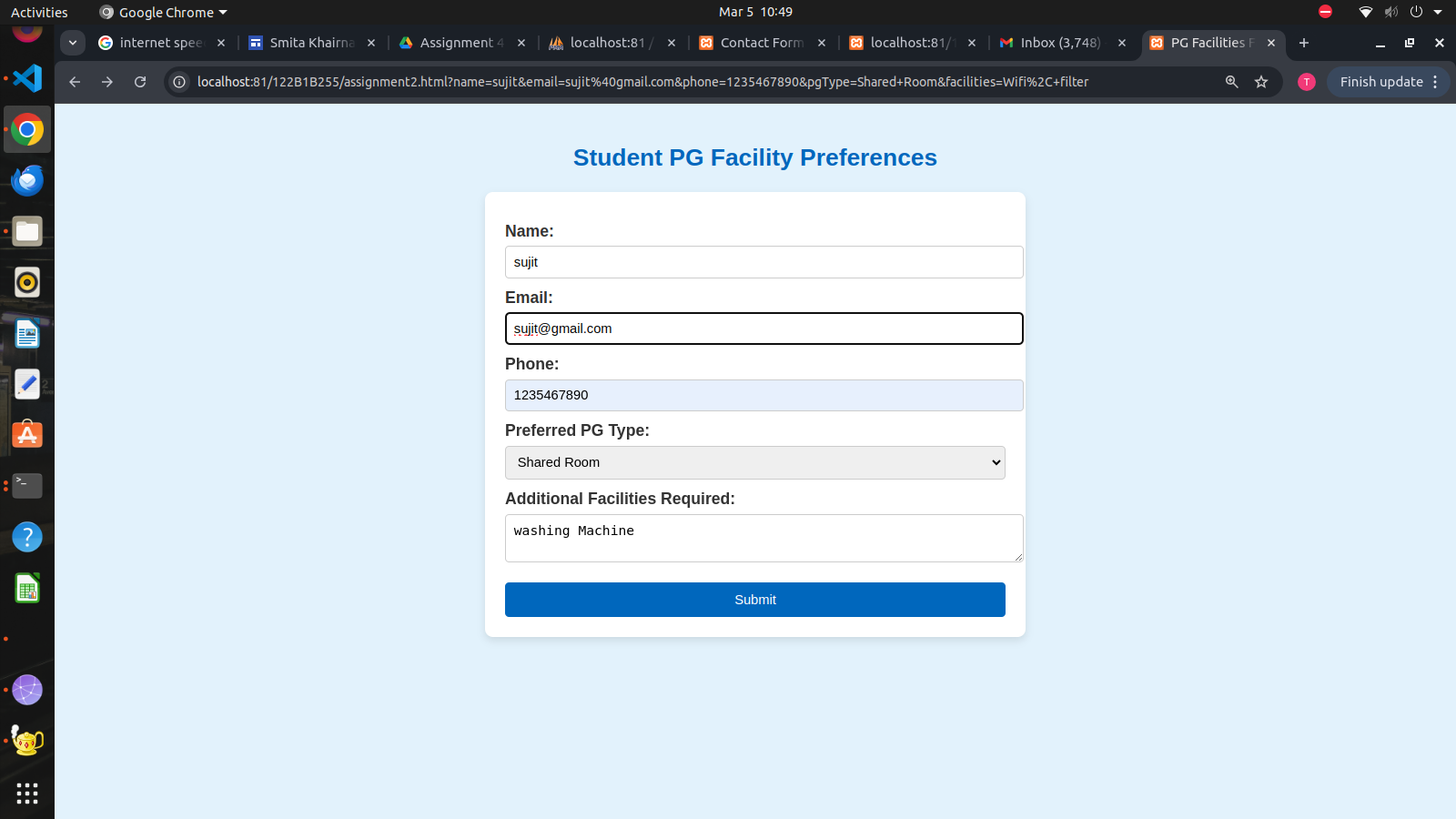
echo "Fetched data successfully\n";

// Close connection

mysqli\_close($con);

?>

**OUTPUT**

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