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Course	: Internet and Web Programming	Code	: CSE3002
Faculty	: Dr. Rajiv Vincent	Slot	: L9+L10

## LAB-9

### PART-A

A screenshot of the phpMyAdmin interface showing the "Create new table" dialog. The "Table name" field is empty, and the "Number of columns" is set to 4. The "Create" button is visible. The left sidebar shows the database structure, and the top navigation bar includes options like Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, and Monitoring.

Server: 127.0.0.1 > Database: lab9\_20bps1018

No tables found in database.

Create new table

Table name:  Number of columns:  Create

A screenshot of the phpMyAdmin interface showing the "Structure" tab for a table named "Student". The table has four columns: "regno" (TEXT, 9, None, PRIMARY), "name" (TEXT, 30, None), "gpa" (FLOAT, None), and "email" (TEXT, 40, None). The "Storage Engine" is set to InnoDB. The left sidebar shows the database structure, and the top navigation bar includes options like Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, and Monitoring.

Server: 127.0.0.1 > Database: lab9\_20bps1018

Table name: Student Add 1 column(s) Go

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index
regno	TEXT	9	None			<input type="checkbox"/>	PRIMARY
name	TEXT	30	None			<input type="checkbox"/>	
gpa	FLOAT		None			<input type="checkbox"/>	
email	TEXT	40	None			<input type="checkbox"/>	

Table comments: Collation: Storage Engine: InnoDB

PARTITION definition:

Partition by: ( Expression or column list )

phpMyAdmin

Server: 127.0.0.1 > Database: lab9\_20bps1018 > Table: student

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	regno	text	utf8mb4_general_ci		No	None			Change Drop More
2	name	text	utf8mb4_general_ci		No	None			Change Drop More
3	gpa	float			No	None			Change Drop More
4	email	text	utf8mb4_general_ci		No	None			Change Drop More

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	regno (9)	0	A	No	

## insert

phpMyAdmin

Server: 127.0.0.1 > Database: lab9\_20bps1018 > Table: student

Run SQL query/queries on table lab9\_20bps1018.student:

```

1 INSERT INTO `Student` (`regno`, `name`, `gpa`, `email`) VALUES
2 ('20BPS1018', 'Adithya M Dileep', 8.9, 'adi@gmail.com'),
3 ('20BPS1039', 'Abheek Rajeev', 8.9, 'abhi@gmail'),
4 ('20BPS1077', 'Janakiraman', 9.1, 'jans@gmail.com');

```

SELECT \* SELECT INSERT UPDATE DELETE Clear Format Get auto-saved query

Bind parameters

Delimiter : Show this query here again Retain query box Rollback when finished Enable foreign key checks Go

phpMyAdmin

Server: 127.0.0.1 > Database: lab9\_20bps1018 > Table: student

Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)

SELECT \* FROM `student`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	regno	name	gpa	email
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20BPS1018	Adithya M Dileep	8.9	adi@gmail.com
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20BPS1039	Abheek Rajeev	8.9	abhi@gmail
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	20BPS1077	Janakiraman	9.1	jans@gmail.com

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

## Gpa<9

The screenshot shows the phpMyAdmin interface with the 'student' table selected. A query has been executed: `SELECT * FROM `student` WHERE gpa<9;`. The result shows 2 rows.

regno	name	gpa	email
20BPS1018	Adithya M Dileep	8.9	adi@gmail.com
20BPS1039	Abheek Rajeev	8.9	abhi@gmail

## Update:

The screenshot shows the phpMyAdmin interface with the 'student' table selected. An update query has been executed: `UPDATE `student` SET `name`='AAadithya MM DDileep' WHERE regno='20BPS1018';`. The result shows 1 row affected.

The screenshot shows the phpMyAdmin interface with the 'student' table selected. A query has been executed: `SELECT * FROM `student``. The result shows 3 rows.

regno	name	gpa	email
20BPS1018	AAadithya MM DDileep	8.9	adi@gmail.com
20BPS1039	Abheek Rajeev	8.9	abhi@gmail
20BPS1077	Janakiraman	9.1	jans@gmail.com

## **PART-B**

**1)**

### **HTML:**

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <form action="insert.php" method="POST">
      <label for="regno">Reg No</label>
      <input type="text" id= "regno" name="regno"><br>
      <label for="name">Name</label>
      <input type="text" id= "name" name="name"><br>
      <label for="gpa">GPA</label>
      <input type="number" id= "gpa" name="gpa"
step=".01",><br>
      <label for="email">Email</label>
      <input type="email" id= "email" name="email"><br>
      <input type="submit" value="Insert">
    </form>
  </body>
</html>
```

### **PHP:**

```
<?php
  $regno = $_POST["regno"];
  $name = $_POST["name"];
  $gpa = $_POST["gpa"];
  $email = $_POST["email"];

  $servername = "localhost";
  $username = "root";
  $password = "";
  $dbname = "Lab9_20BPS1018";
```

```

// Create connection
$conn = new mysqli($servername,
    $username, $password, $dbname);

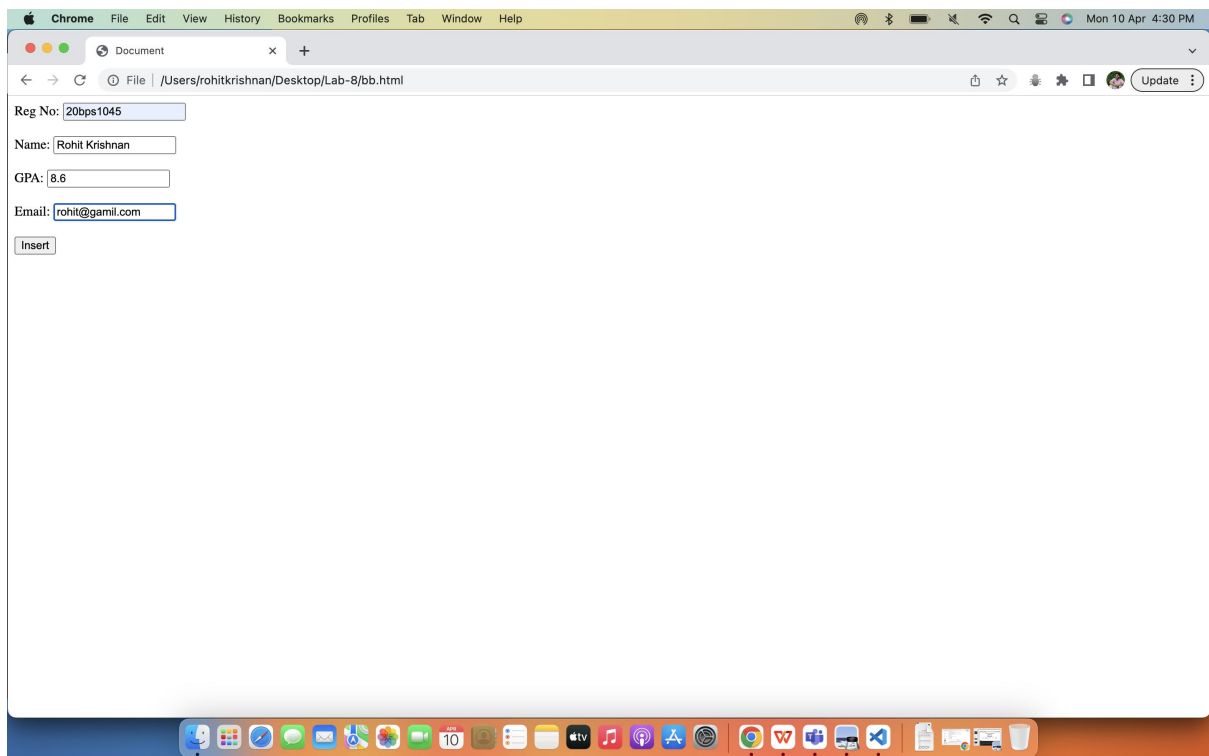
// Check connection
if ($conn->connect_error) { die("Connection failed: " . $conn->connect_error);}

$sqlquery = "INSERT INTO `Student`(`regno`, `name`, `gpa`, `email`) VALUES ('.
$regno .'", "'. $name .'", "'. $gpa .'", "'. $dbname .'");";

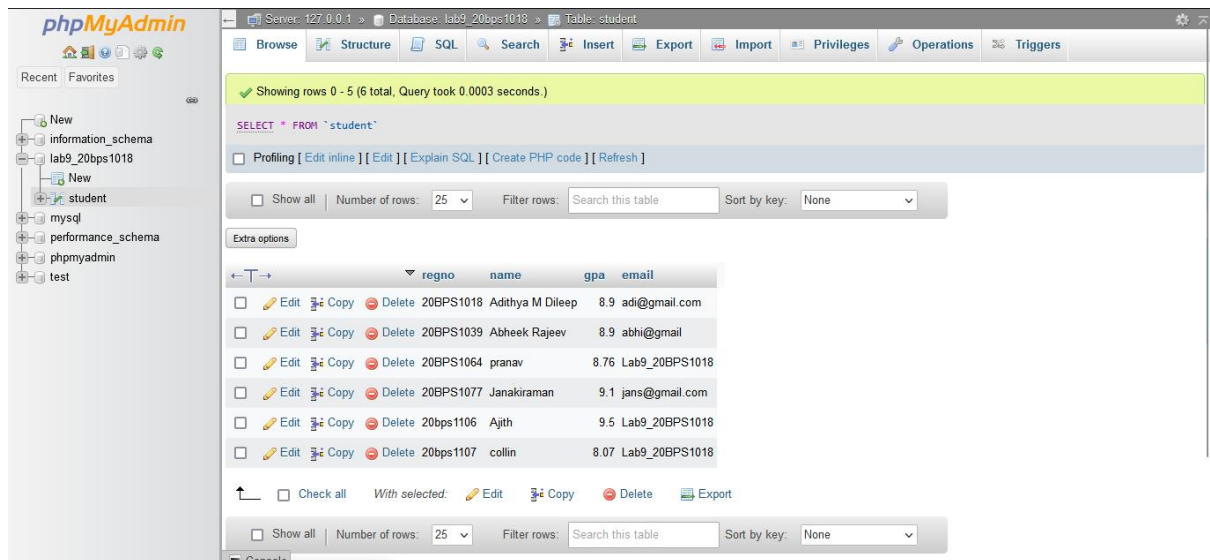
if ($conn->query($sqlquery)) {
    echo "record inserted successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}
?>

```

## OUTPUT:



record inserted successfully



2)

**HTML:**

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <form action="view.php" method="POST">
      <label for="regno">Reg No</label>
      <input type="text" id="regno" name="regno"><br>
      <input type="submit" value="Search">
    </form>
  </body>
</html>
```

```
        </form>

    </body>
</html>
```

## PHP:

```
<!DOCTYPE html>
<html>
<style>
    td,th {
        border: 1px solid black;
        padding: 10px;
        margin: 5px;
        text-align: center;
    }
</style>

<body>
    <table>
        <thead>
            <tr>
                <th>Regno</th>
                <th>Name</th>
                <th>Gpa</th>
                <th>Email</th>
            </tr>
        </thead>
        <tbody>

<?php
    $regno = $_POST["regno"];

    $servername = "localhost";
    $username = "root";
    $password = "";
```

```

$dbname = "Lab9_20BPS1018";

// Create connection
$conn = new mysqli($servername,
    $username, $password, $dbname);

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

if($regno==""){
    $sql = "SELECT * FROM `Student` WHERE 1;";
} else{
    $sql = "SELECT * FROM `Student` WHERE regno='$regno'";
}
$result = ($conn->query($sql));
//declare array to store the data of database
$row = [];

if ($result->num_rows > 0)
{
    // fetch all data from db into array
    $row = $result->fetch_all(MYSQLI_ASSOC);
}
if(!empty($row))
foreach($row as $rows)
{
    ?>
<tr>

    <td><?php echo $rows['regno']; ?></td>
    <td><?php echo $rows['name']; ?></td>
    <td><?php echo $rows['gpa']; ?></td>
    <td><?php echo $rows['email']; ?></td>

</tr>
<?php } ?>

```



```

</tbody>
</table>
</body>
</html>

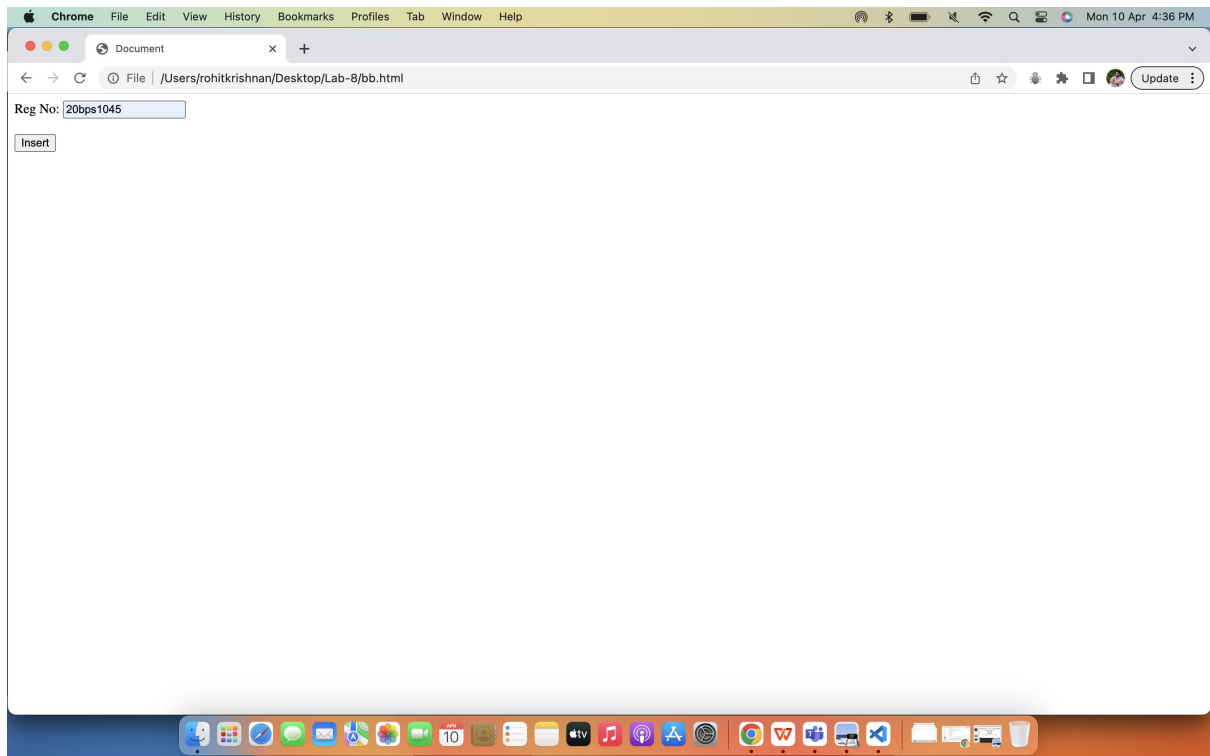
<?php
mysqli_close($conn);
?>

```

## OUTPUT:

The screenshot shows a Google Chrome browser window. The address bar displays the file path: `/Users/rohitkrishnan/Desktop/Lab-8/bb.html`. The page content includes a label "Reg No:" followed by a text input field. Below the input field is a button labeled "Insert". The browser's status bar at the bottom shows the date and time as "Mon 10 Apr 4:36 PM".

Regno	Name	GPA	Email
20BPS1045	Rohit Krishnan	8.6	rohit@gmail.com
20BPS1132	Vyshnavi S k	9.8	vyshnavi@gmail.com
20BPS1134	Shivamm Warembhey	10	shiv@gmail.com
20BRS1005	Christin T Kunjumon	100	christin@gmail.com



Regno	Name	GPA	Email
20BPS1045	Rohit Krishnan	8.6	rohit@gmail.com