PRACTICAL 5

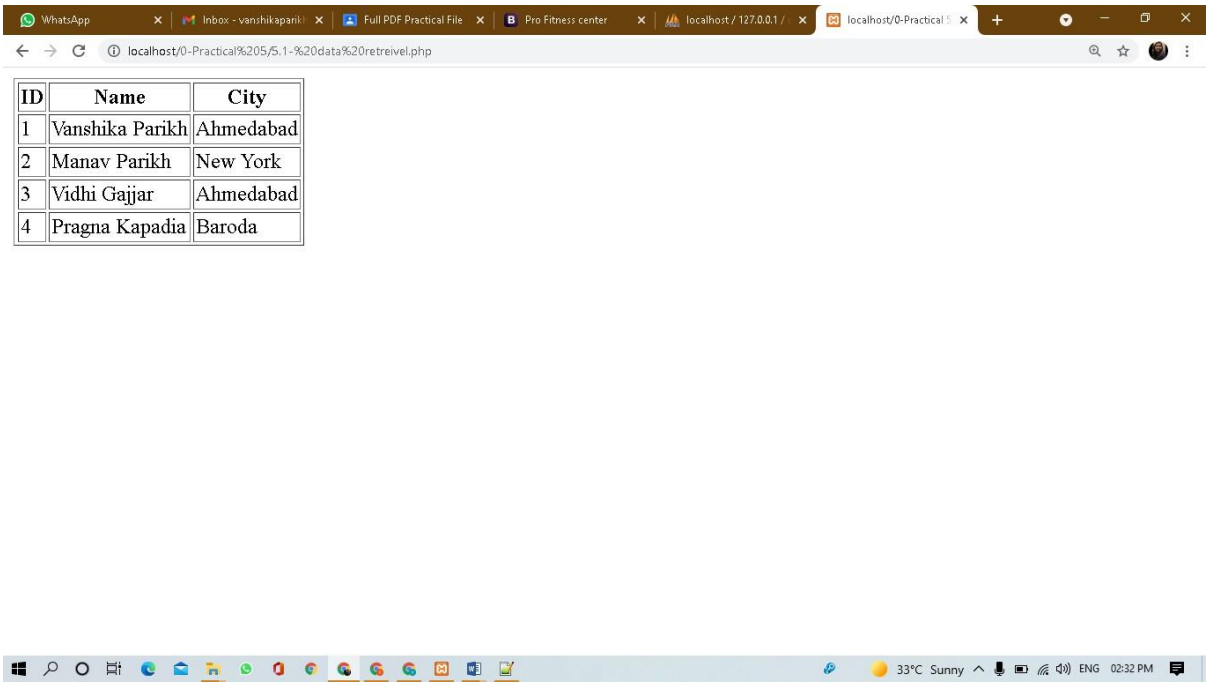
Practical 5.1

AIM :- PHP based web application to understand data retrieval on server side.

Code :-

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "detail";

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

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

$sql = "SELECT id, firstname, lastname, city FROM  student";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    echo "<table border =
1><tr><th>ID</th><th>Name</th><th>City</th></tr>";
    while ($row = $result->fetch_assoc()) {
                echo "<tr>
<td>" . $row["id"] . "</td>
<td>" . $row["firstname"] . " " . $row["lastname"] . "</td>
<td>" . $row["city"] . "</td>
</tr>";
    }
    echo "</table>";
} else {
    echo "0 results";
}
$conn->close();
```

Output :-



Practical 5.2

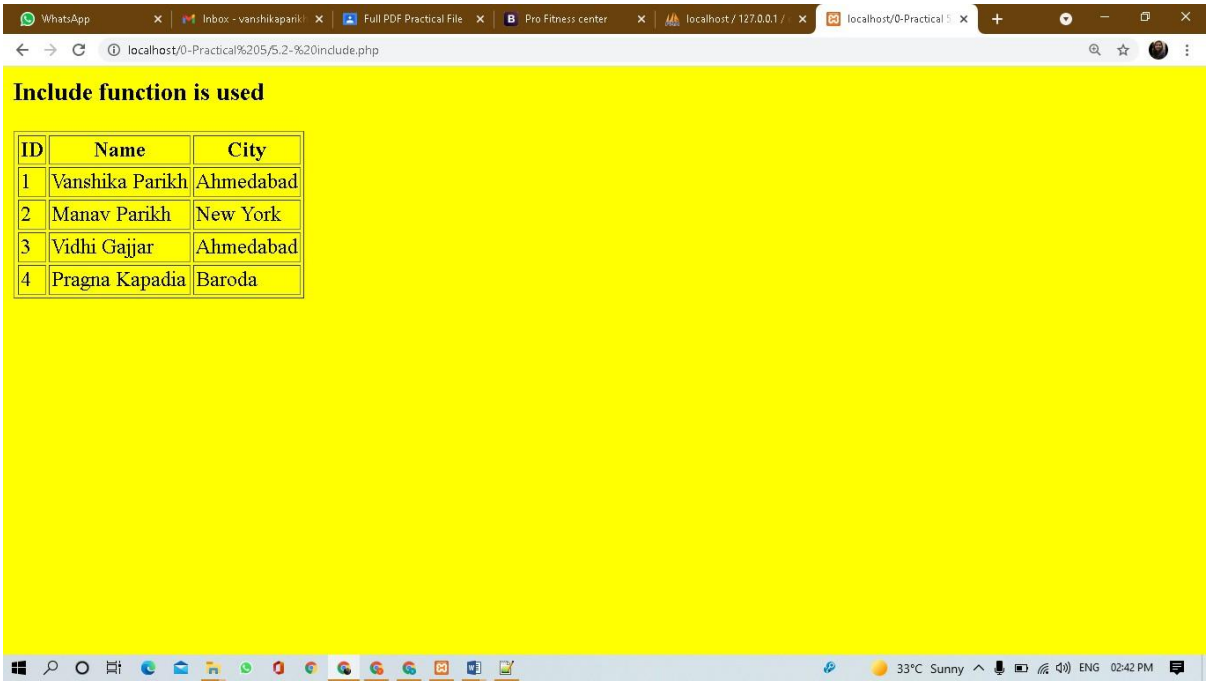
AIM :- Include, require, date functions in php.

INCLUDE:-

Code :-

```
<html>
<body bgcolor="yellow">

<h3><b>Include function is used</b></h3>
<?php

        include("5.1- data retreivel.php");

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

Output :-



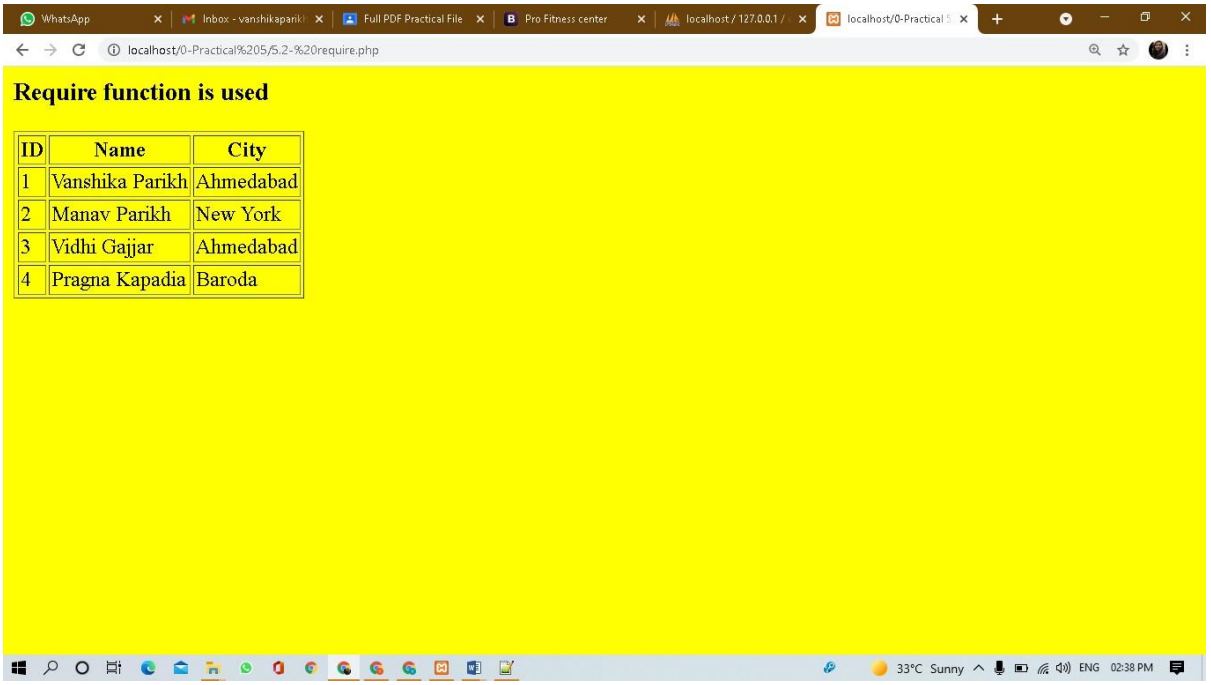
REQUIRE:-

Code :-

```
<html>
```

```
<body bgcolor="yellow"

<h3><b>Require function is used</b></h3>

<?php

require ("5.1- data retreivel.php");

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

Output :-



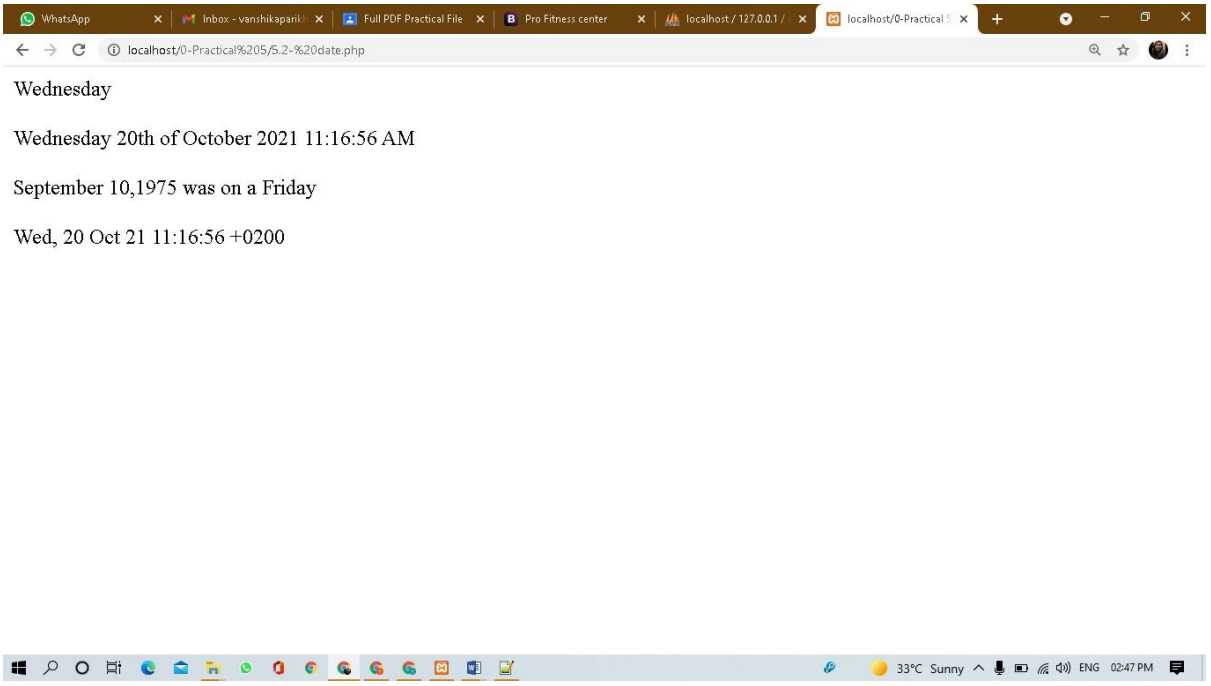
DATE:-

Code :-

```
<!DOCTYPE html>
```

```
<html>
<body>
<?php
echo date("l") . "<br><br>";
echo date("l jS \of F Y h:i:s A") . "<br><br>";
echo "September 10,1975 was on a ".date("l",
mktime(0,0,0,10,3,1975)) .
"<br><br>";
echo date(DATE_RFC822) . "<br><br>";
?>
</body>
</html>
```

Output :-



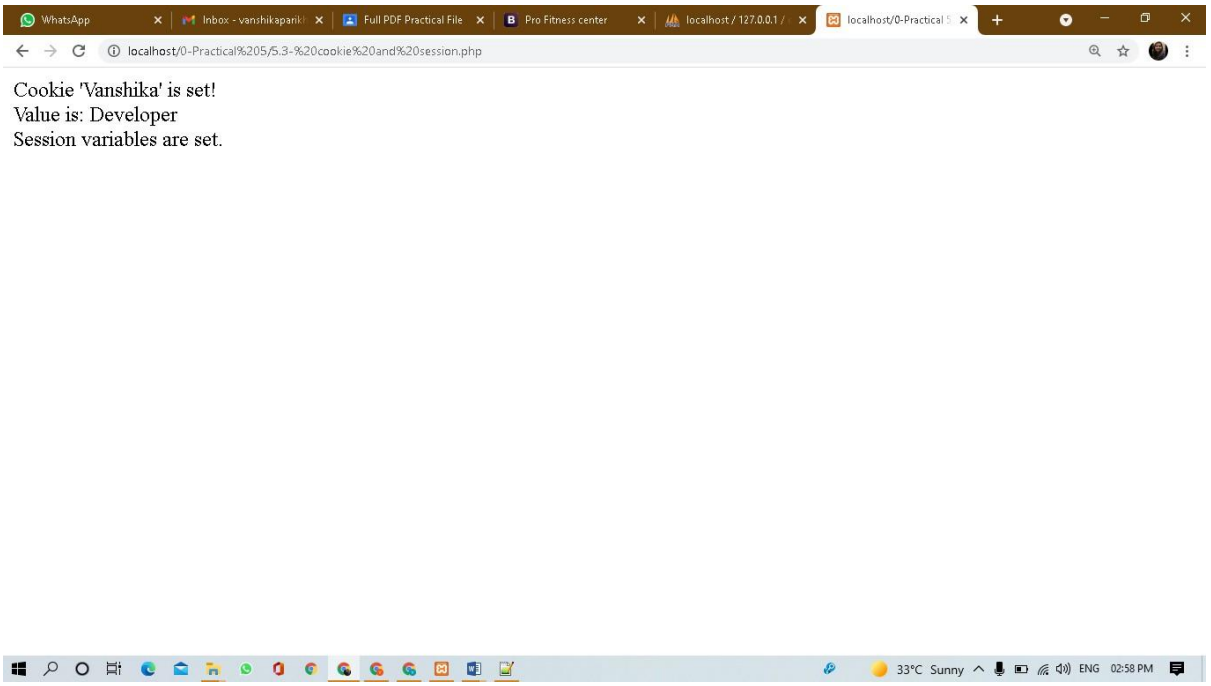
Practical 5.3

AIM :- Develop PHP web application using session and cookie.

Code :-

```
<!DOCTYPE html>
<?php
session_start();
$cookie_name = "Vanshika";
$cookie_value = "Developer";
setcookie($cookie_name, $cookie_value, time() + (86400 * 30), "/");
?>
<html>

<body>
    <?php
    if (!isset($_COOKIE[$cookie_name])) {
        echo "Cookie named '" . $cookie_name . "' is not set!";
    } else {
        echo "Cookie '" . $cookie_name . "' is set!<br>";
        echo "Value is: " . $_COOKIE[$cookie_name];
    }
    $_SESSION["favcolor"] = "Blue";
    $_SESSION["favanimal"] = "Monkey";

echo "<br>";
    echo "Session variables are set.";
    ?>
</body>

</html>
```

Output :-



Practical 5.4

AIM :- Understand PHP MyAdmin.

About

phpMyAdmin is a free software tool written in PHP, intended to handle the administration of MySQL over the Web. phpMyAdmin supports a wide range of operations on MySQL and MariaDB. Frequently used operations (managing databases, tables, columns, relations, indexes, users, permissions, etc) can be performed via the user interface, while you still have the ability to directly execute any SQL statement.

phpMyAdmin comes with a wide range of documentation and users are welcome to update our wiki pages to share ideas and howtos for various operations. The phpMyAdmin team will try to help you if you face any problem; you can use a variety of support channels to get help.

phpMyAdmin is also very deeply documented in a book written by one of the developers – Mastering phpMyAdmin for Effective MySQL Management, which is available in English and Spanish.

To ease usage to a wide range of people, phpMyAdmin is being translated into 72 languages and supports both LTR and RTL languages.

phpMyAdmin is a mature project with a stable and flexible code base; you can find out more about the project and its history and the awards it earned. When the project turned 15, we published a celebration page.

The phpMyAdmin project is a member of Software Freedom Conservancy. SFC is a not-for-profit organization that helps promote, improve, develop, and defend Free, Libre, and Open Source Software (FLOSS) projects.

Features

- Intuitive web interface

- Support for most MySQL features:
  - browse and drop databases, tables, views, fields and indexes
  - create, copy, drop, rename and alter databases, tables, fields and indexes
  - maintenance server, databases and tables, with proposals on server configuration
  - execute, edit and bookmark any SQL-statement, even batch-queries
  - manage MySQL user accounts and privileges
  - manage stored procedures and triggers
- Import data from CSV and SQL
- Export data to various formats: CSV, SQL, XML, PDF, ISO/IEC 26300 - OpenDocument Text and Spreadsheet, Word, LATEX and others
- Administering multiple servers
- Creating graphics of your database layout in various formats
- Creating complex queries using Query-by-example (QBE)
- Searching globally in a database or a subset of it
- Transforming stored data into any format using a set of predefined functions, like displaying BLOB-data as image or download-link

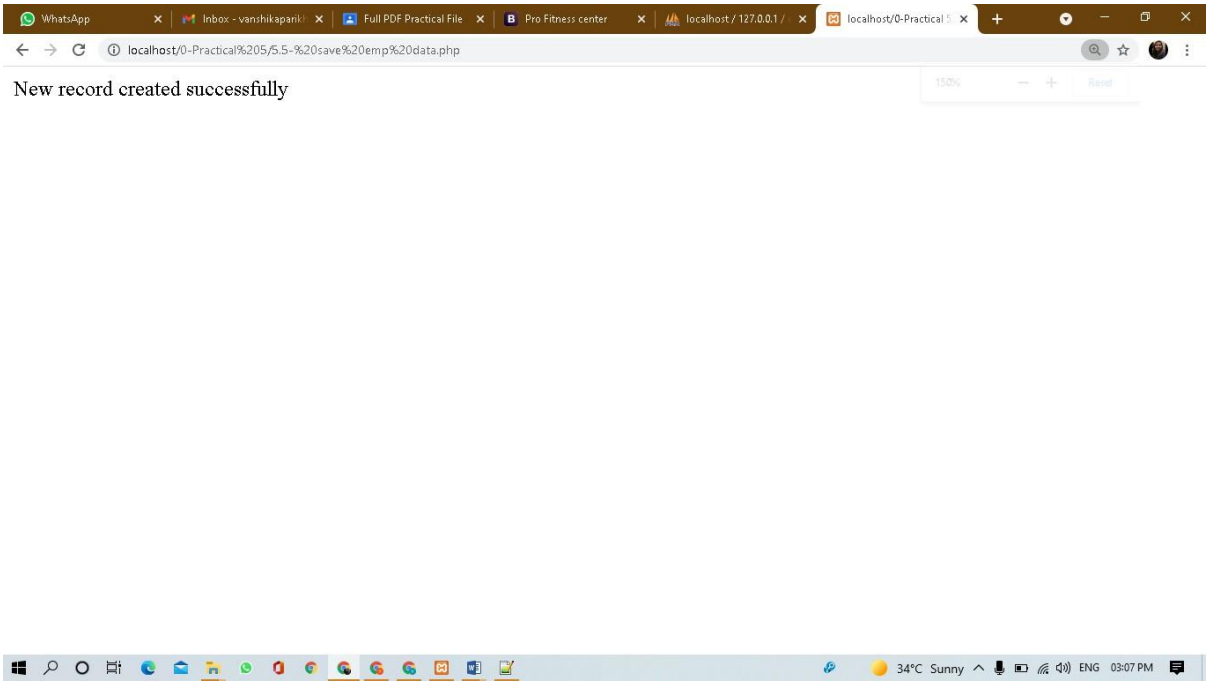
Practical 5.5

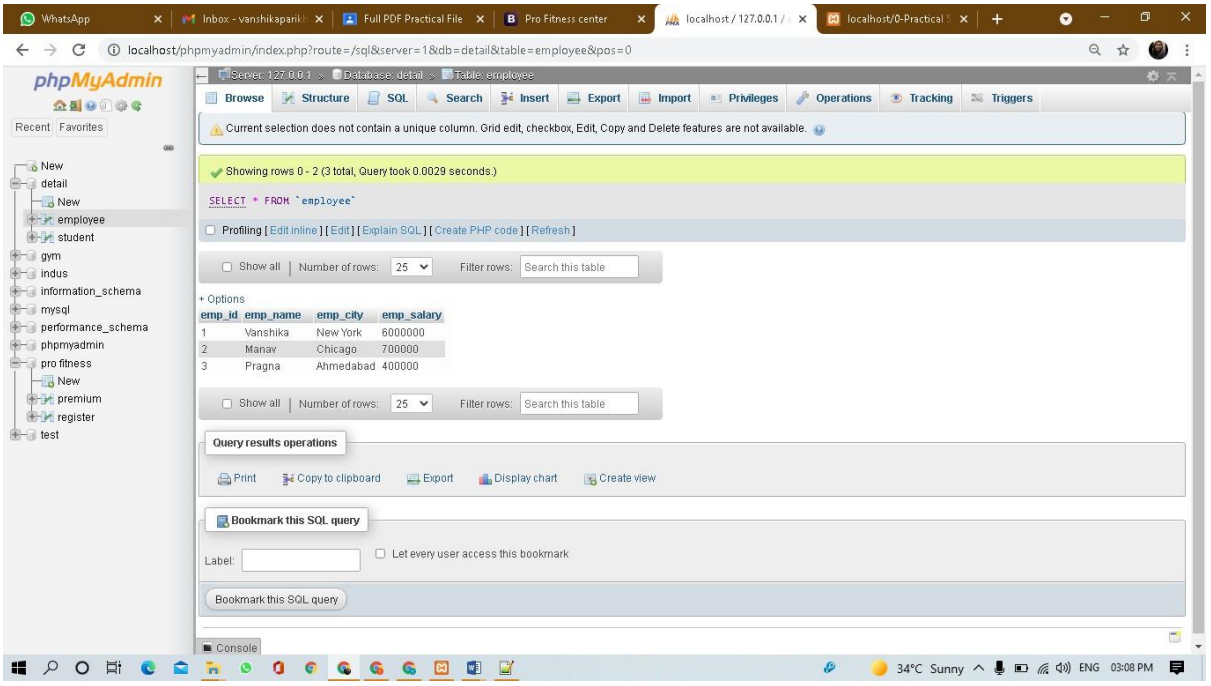
AIM :- Implement php application to store employee records in MySQL database.

Code :-

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "detail";
$conn = new mysqli($servername, $username, $password, $dbname);
$sql = 'INSERT INTO employee '.'(emp_id,emp_name, emp_city,
emp_salary) '.'VALUES ( "1", "Vanshika", "New York" ,6000000)';
$sql1 = 'INSERT INTO employee '.'(emp_id,emp_name, emp_city,
emp_salary) '.'VALUES ( "2", "Manav", "Chicago" ,700000)';
$sql2 = 'INSERT INTO employee '.'(emp_id,emp_name, emp_city,
emp_salary) '.'VALUES ( "3", "Pragna", "Ahmedabad" ,400000)';
if ($conn->query($sql) === TRUE && $conn->query($sql1) ===
TRUE && $conn->query($sql2) === TRUE) {
echo "New record created successfully";
} else {
echo "Error: " . $sql . "<br>" . $conn->error;
}
$conn->close();
?>
```

Output :-


localhost/0-Practical%205/5.5-%20save%20emp%20data.php
New record created successfully


localhost/phpmyadmin/index.php?route=/sql&server=1&db=detail&table=employee&pos=0
phpMyAdmin
Server: 127.0.0.1 » Database: detail » Table: employee
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 2 (3 total, Query took 0.0029 seconds.)
SELECT * FROM `employee`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
+ Options
emp_id emp_name emp_city emp_salary
1 Vanshika New York 6000000
2 Manav Chicago 700000
3 Pragna Ahmedabad 400000
Query results operations
Print
Copy to clipboard
Export
Display chart
Create view
Bookmark this SQL query
Label:
Let every user access this bookmark
Bookmark this SQL query
Console
New
detail
employee
student
gym
indus
information_schema
mysql
performance_schema
phpmyadmin
pro fitness
premium
register
test