Port City International University
Excellence in Higher Education
UGC & Govt. Approved University at Khulshi in Chittagong

Lab Report

Course Title: Object Oriented Programming Sessional

Course Code: CSE 212

Name of the Report: XAMPP Control Panel Installation, MYSQL Project.

Submitted To	Submitted By
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Submission Date: 02-12-2021

INDEX

Experiment No 01

Problem Statement:

XAMPP Control Panel Installation.

Description:

XAMPP is a free and open-source tool used by web developers in the Windows family and other platforms to set up the development and testing environment. XAMPP server comes with the XAMPP control panel to manage all its components easily.
XAMPP stands for (X) Cross-platform, (A) Apache, (M) MySQL, (P) PHP, (P) Perl and with some additional modules including phpmyadmin (for the database), FileZilla, Mercury, and Tomcat.

Installation Process of the XAMPP Server:

Step 1
To download the XAMPP server, visit the "Apache Friends" website in your web browser.

Step 2
Click on "XAMPP for Windows". Then, navigate the downloading location and the file will be automatically downloaded.

Step 3
Double-click the downloaded file to launch the XAMPP installer.

Step 4
"Setup" window will appear on the screen. Then, click on the "Next" button.

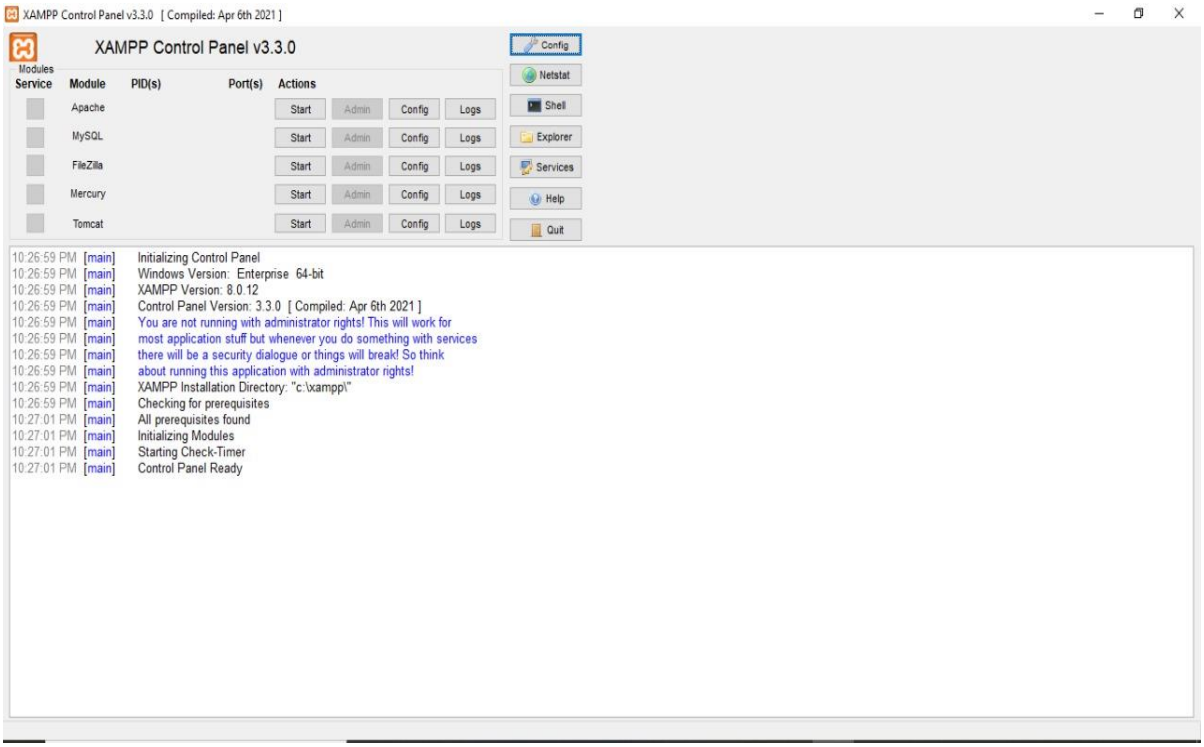
Step 6
Choose a folder to install the XAMPP and click on the "Next" button.

Step 7

Uncheck the "Learn more about Bitnami for XAMPP" option and click on the "Next" button

Step 8

"Ready to Install" window will appear on the screen, then click on the "Next" button.



Experiment No - 02

Problem Statement:

MYSQL Project using Java swing.

Project Name: Employee Database Management System.

Description:

MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. It is supported by **Oracle Company**.

For this project first of all we used JFrame to create the project structure. Then we download a connector named Java Jar file to connect the code with MYQSL. Then we generate the code implementation.

Code Implementation:

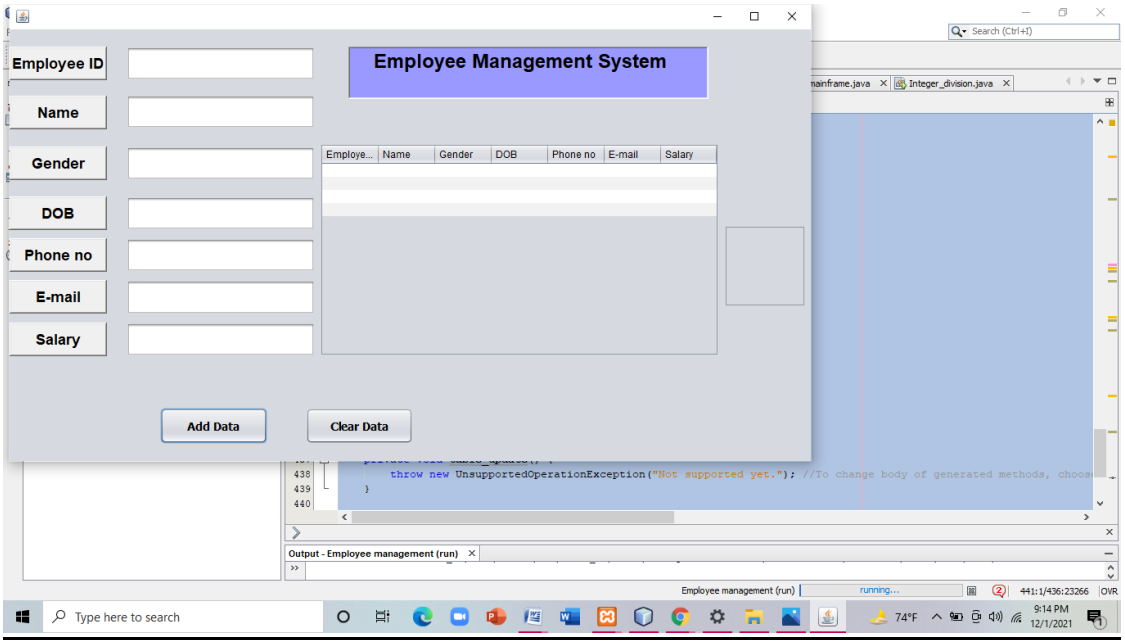
```
try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection connection = (Connection)
DriverManager.getConnection("jdbc:mysql://127.0.0.1/employee_management",
"root","");
        Statement statement = connection.createStatement();
        String queryadd = "insert into record2
(E_ID,Name,Gender,DOB,Phone_no,Email,Salary) values
('"+EID.getText()+"','"+Name.getText()+"','"+Gender.getText()+"','"+DOB.getText()
+"','"+PhoneNo.getText()+"','"+Email.getText()+"','"+Salary.getText()+"')";
        System.out.println(queryadd);
```

```
            statement.executeUpdate(queryadd);
           JOptionPane.showMessageDialog(this,"Record Added");
            EID.setText("");
            Name.setText("");
            Gender.setText(" ");
            DOB.setText(" ");
            PhoneNo.setText("");
            Email.setText("");
     Salary.setText("");
            connection.close();
            statement.close();
        } catch (ClassNotFoundException | SQLException ex) {
            Logger.getLogger(adddata.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
 try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection connection = (Connection)
DriverManager.getConnection("jdbc:mysql://127.0.0.1/employee_management",
"root","");
            Statement statement = connection.createStatement();
            String querydelete = "delete from record2 where E_ID='"+EID.getText()+"'";
            System.out.println(querydelete);
            statement.executeUpdate(querydelete);
```

```
            JOptionPane.showMessageDialog(this,"Record Deleted");
            EID.setText("");
            Name.setText("");
            Gender.setText(" ");
            DOB.setText(" ");
            PhoneNo.setText("");
            Email.setText("");
            Salary.setText("");
            connection.close();
            statement.close();
        } catch (ClassNotFoundException | SQLException ex) {
            Logger.getLogger(adddata.class.getName()).log(Level.SEVERE, null, ex);
        }
    }
try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection connection = (Connection)
DriverManager.getConnection("jdbc:mysql://127.0.0.1/employee_management",
"root","");
            Statement statement = connection.createStatement();
            String querydelete = "delete from record2 where E_ID='"+EID.getText()+"'";
            System.out.println(querydelete);
            statement.executeUpdate(querydelete);
            JOptionPane.showMessageDialog(this,"Record Deleted");
            EID.setText("");
```

```
        Name.setText("");
        Gender.setText(" ");
        DOB.setText(" ");
        PhoneNo.setText("");
        Email.setText("");
        Salary.setText("");
        connection.close();
        statement.close();
    } catch (ClassNotFoundException | SQLException ex) {
        Logger.getLogger(adddata.class.getName()).log(Level.SEVERE, null, ex);
    }
```

Output:


Employee ID
Name
Gender
DOB
Phone no
E-mail
Salary
Employee Management System
Employe...
Name
Gender
DOB
Phone no
E-mail
Salary
Add Data
Clear Data
throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choos
Output - Employee management (run)
Employee management (run)
running...
Type here to search
74°F
9:14 PM
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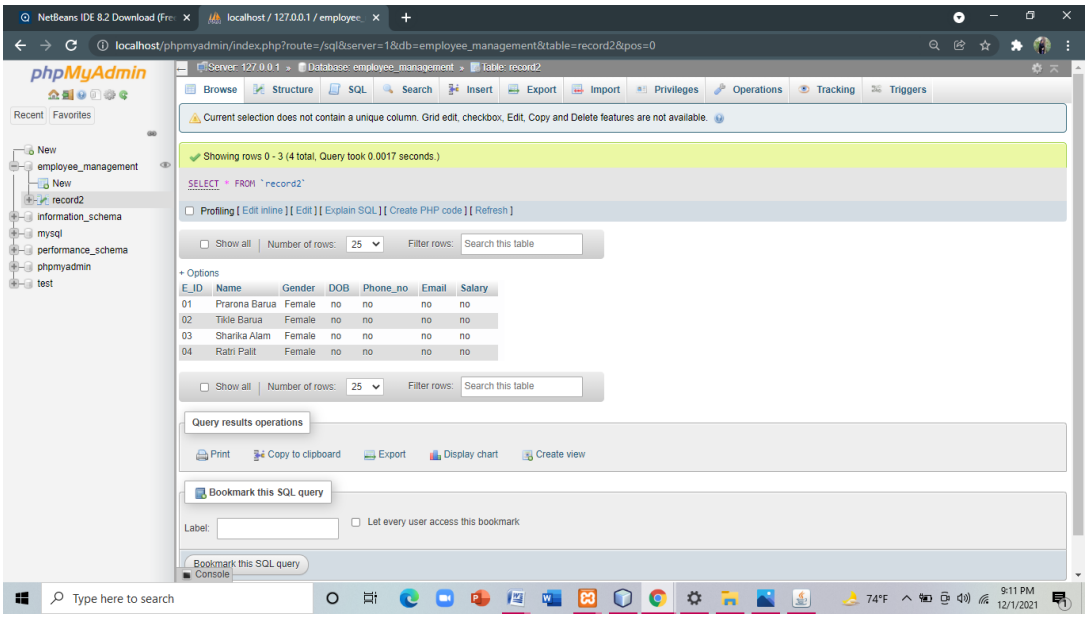
NetBeans IDE 8.2 Download (Fre
localhost / 127.0.0.1 / employee
localhost/phpmyadmin/index.php?route=/sql&server=1&db=employee_management&table=record2&pos=0
phpMyAdmin
Recent
Favorites
New
employee_management
New
record2
information_schema
mysql
performance_schema
phpmyadmin
test
Server: 127.0.0.1 » Database: employee_management » Table: record2
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 - 3 (4 total, Query took 0.0017 seconds.)
SELECT * FROM `record2`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
+ Options
E_ID Name Gender DOB Phone_no Email Salary
01 Prarona Barua Female no no no no
02 Tikle Barua Female no no no no
03 Sharika Alam Female no no no no
04 Ratri Palit Female no no no no
Show all | Number of rows: 25 Filter rows: Search this table
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
Type here to search
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9:11 PM
12/1/2021