LAB REPORTS (Final)

Course Code : CSE 212

Course Title : Object Oriented Programming Sessional

Submitted To

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Batch : 21 B Day

Final Report

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2	*Employee Management System*	

Topic 1

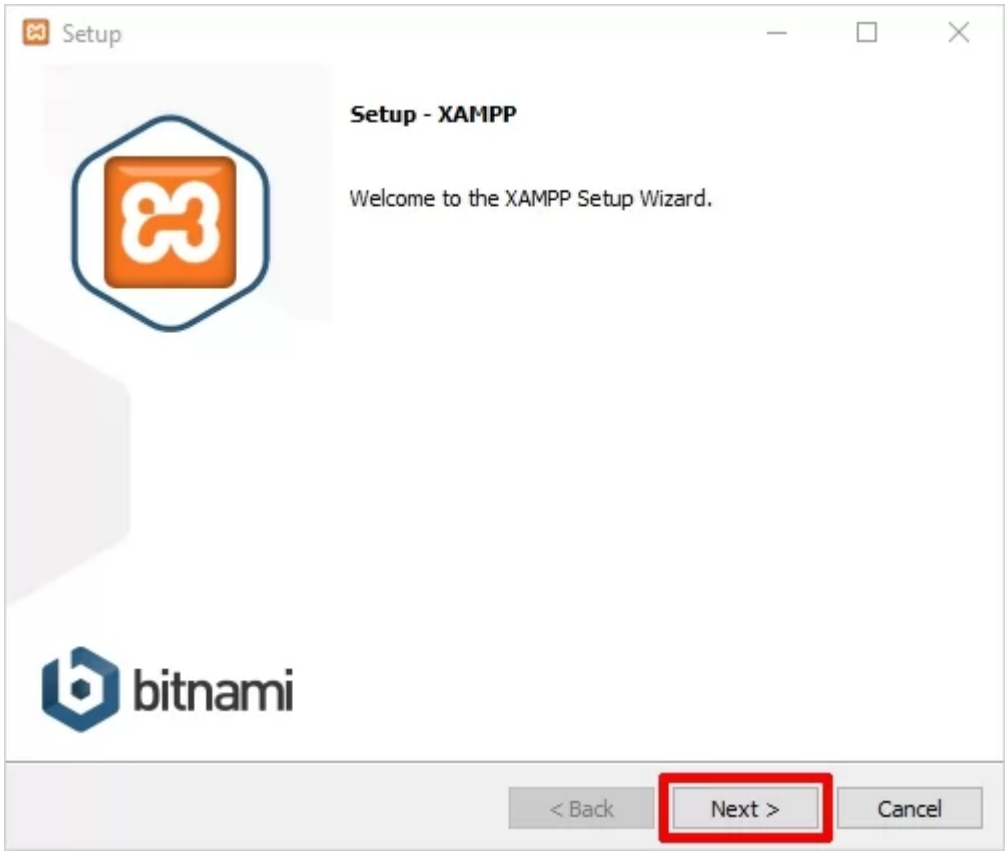
XAMPP Installation & Setup

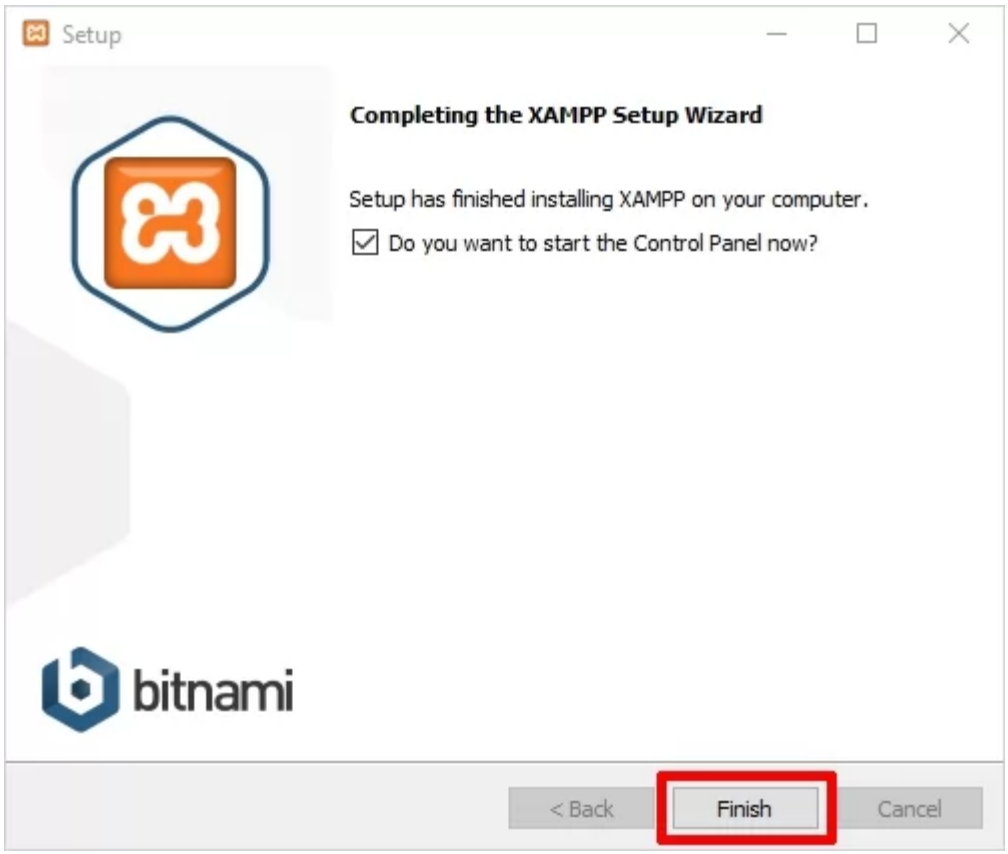
Step 1: Download and Install XAMPP

To download and install XAMPP, go to download page, the official link to download XAMPP from. You will see XAMPP ready to download for cross-platform like Windows, Linux, Mac OS X. Since we are discussing How to install XAMPP on Windows 10, therefore, we will choose the Windows option as shown below.

Step 2: Run the Installer to Install XAMPP

During the installation process, you may come across warning pop-ups. But you would probably click 'Yes' to start the installation process. Soon after you click on the downloaded file, the XAMPP setup wizard will open. Now click on the 'Next' Button to proceed.

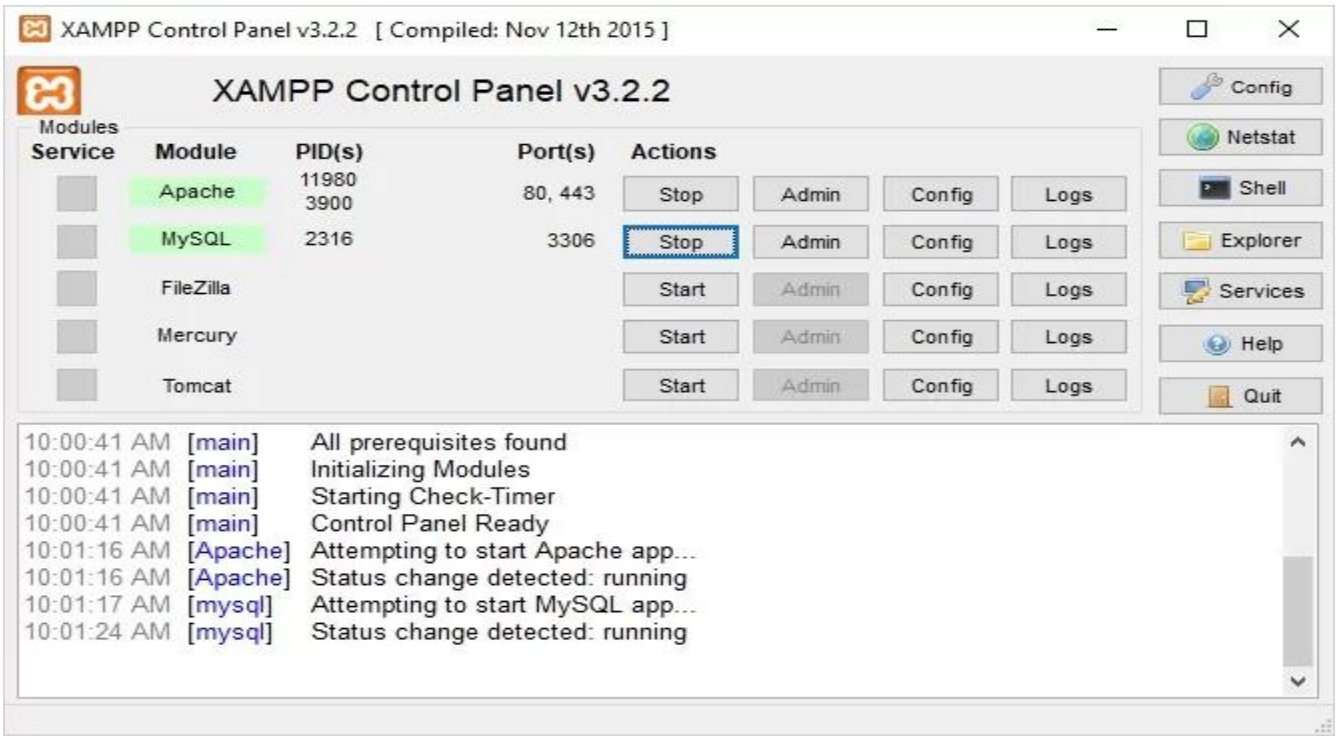




Step 3: XAMPP is now Installed on Windows, run it

If the entire process of XAMPP installation went correctly, then the control panel would open smoothly. Now click on the ‘Start’ button corresponding to Apache and MySQL.

XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015]
XAMPP Control Panel v3.2.2
Modules
Service Module PID(s) Port(s) Actions
Apache Start Admin Config Logs
MySQL Start Admin Config Logs
FileZilla Start Admin Config Logs
Mercury Start Admin Config Logs
Tomcat Start Admin Config Logs
Config
Netstat
Shell
Explorer
Services
Help
Quit
10:00:38 AM [main] there will be a security dialogue or things will break! So think
10:00:38 AM [main] about running this application with administrator rights!
10:00:38 AM [main] XAMPP Installation Directory: "e:\xampp-7\"
10:00:38 AM [main] Checking for prerequisites
10:00:41 AM [main] All prerequisites found
10:00:41 AM [main] Initializing Modules
10:00:41 AM [main] Starting Check-Timer
10:00:41 AM [main] Control Panel Ready


XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015]
XAMPP Control Panel v3.2.2
Modules
Service Module PID(s) Port(s) Actions
Apache 11980 3900 80, 443 Stop Admin Config Logs
MySQL 2316 3306 Stop Admin Config Logs
FileZilla Start Admin Config Logs
Mercury Start Admin Config Logs
Tomcat Start Admin Config Logs
Config
Netstat
Shell
Explorer
Services
Help
Quit
10:00:41 AM [main] All prerequisites found
10:00:41 AM [main] Initializing Modules
10:00:41 AM [main] Starting Check-Timer
10:00:41 AM [main] Control Panel Ready
10:01:16 AM [Apache] Attempting to start Apache app...
10:01:16 AM [Apache] Status change detected: running
10:01:17 AM [mysql] Attempting to start MySQL app...
10:01:24 AM [mysql] Status change detected: running

Topic 2

Employee Management System

Code

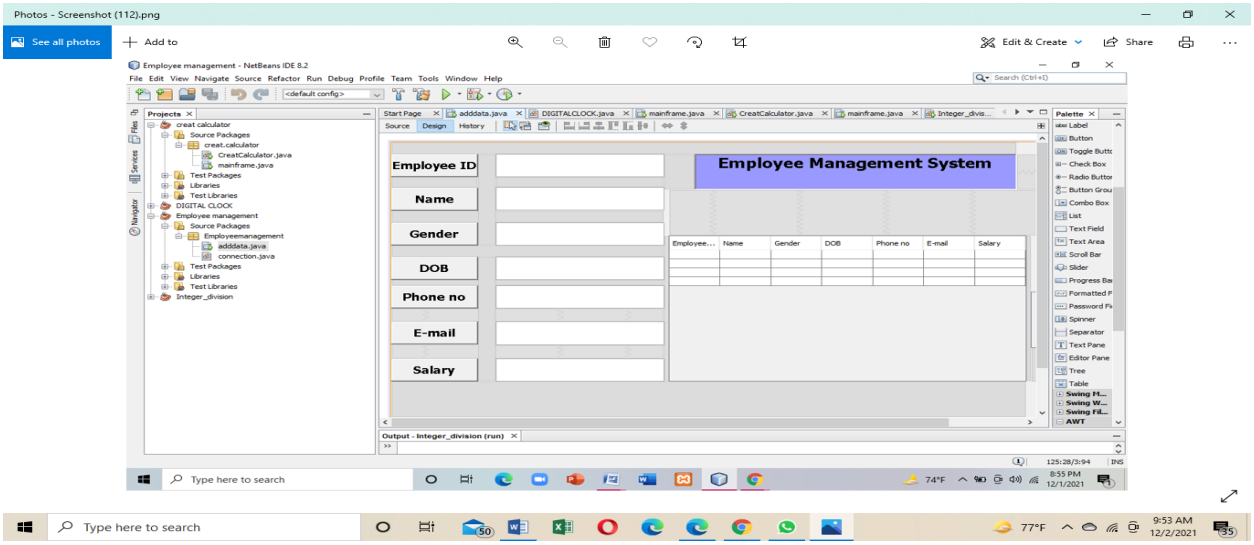
```
// Variables declaration - do not modify
private javax.swing.JButton BtnAdd;
private javax.swing.JTextField DOB;
private javax.swing.JTextField EID;
private javax.swing.JTextField Email;
private javax.swing.JTextField Gender;
private javax.swing.JTextField Name;
private javax.swing.JTextField PhoneNo;
private javax.swing.JTextField Salary;
private java.awt.Button button1;
private java.awt.Button button2;
private java.awt.Button button3;
private java.awt.Button button4;
private java.awt.Button button5;
private java.awt.Button button6;
private java.awt.Button button8;
private java.awt.Button button9;
private javax.swing.JButton jButton2;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTable jtable1;
private java.awt.TextField textField1;
// End of variables declaration
```

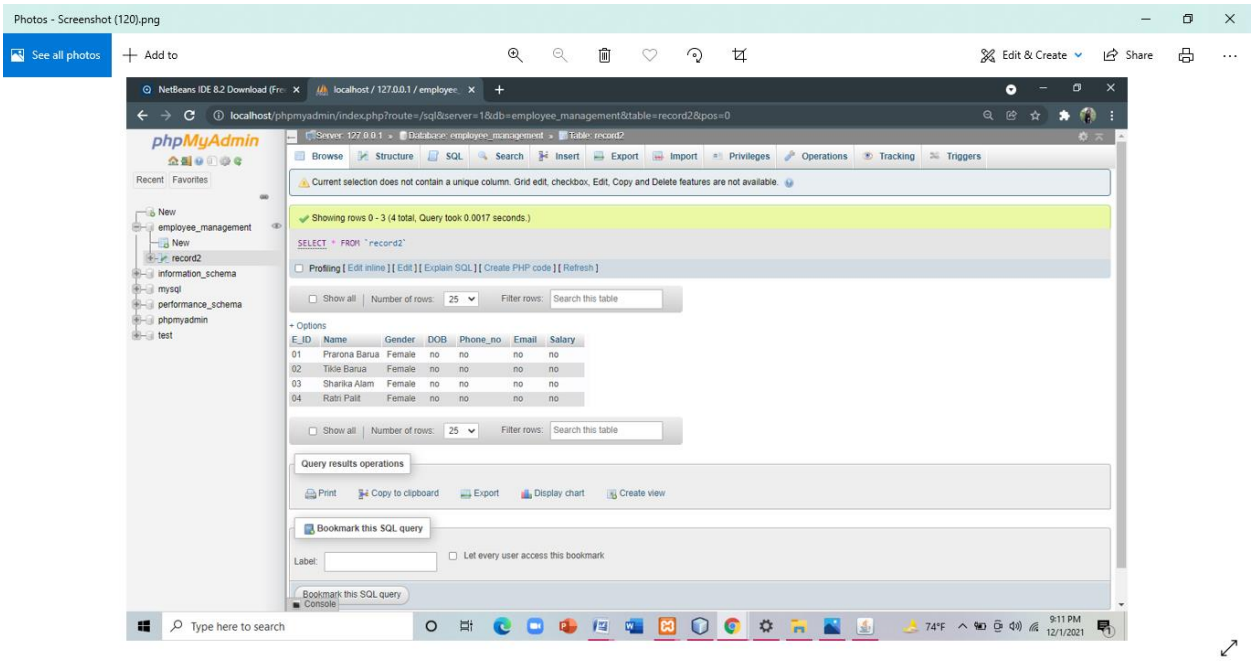
```
    private void table_update() {

        throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

    }

 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.getTex t()+"','"+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);
```

```
        }


    }
ADD
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


Photos - Screenshot (112).png
See all photos
Add to
Edit & Create
Share
Employee management - NetBeans IDE 8.2
Employee ID
Name
Gender
DOB
Phone no
E-mail
Salary
Employee Management System
Type here to search
77°F
9:53 AM
12/2/2021


Photos - Screenshot (120).png
See all photos
Add to
Edit & Create
Share
NetBeans IDE 8.2 Download
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
record2
information_schema
mysql
performance_schema
phpmyadmin
test
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
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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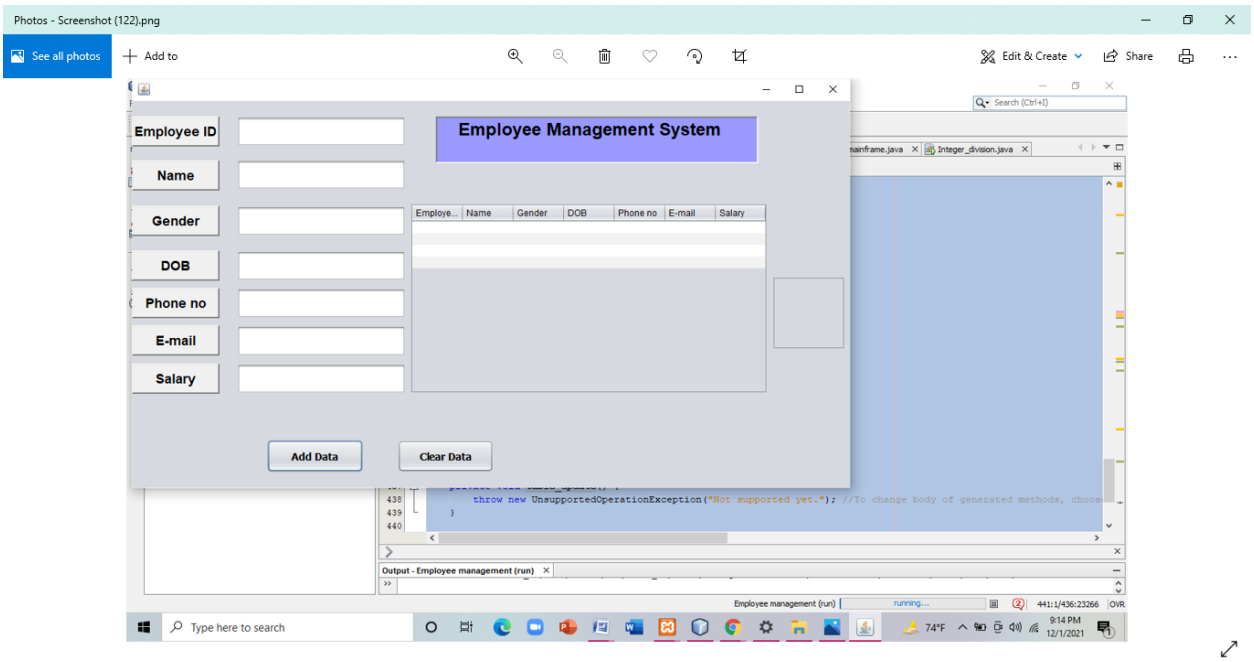
9:11 PM
12/1/2021


Photos - Screenshot (122).png
See all photos
Add to
Edit & Create
Share
Employee Management System
Employee ID
Name
Gender
DOB
Phone no
E-mail
Salary
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
12/1/2021