STUDENT MANAGEMENT SYSTEM

Core Java and Mysql Project

NAME:Satyam Prakash

GUIDED BY: INDRAKKA MALI

Batch code:9100

Date:15-06-2023

CORE JAVA PROJECT

PROJECT TITLE: STUDENT MANAGEMENT SYSTEM

AIM:

- To achieve the Student Management Process without any interruptions.

LANGUAGES:

- JAVA and SQL

SOFTWARE REQUIREMENTS:

- Eclipse for java.
- Mysql for sql.

SYNOPSIS:

In this STUDENT MANAGEMENT SYSTEM there are some main operations .

MAIN OPERATIONS are:

- ✧ REGISTRATION → Student can perform this operation.
- ✧ LOGIN → Both Admin and Student can perform this operation .
- ✧ ADD COURSE → Admin can perform this operation.
- ✧ UPDATE AND DELETE COURSE → Admin can perform that operation
- ✧ DISPLAY STUDENT RECORDS → Both Admin and Student can perform this operation .
- ✧ VIEW COURSE → Both Admin and Student can perform
- ✧ UPDATE PROFILE → Student can perform this operation.

The control is given for both the admin and the Student.beforeperform any operation first admin must be login the system .Admin can perform six operations one is the fetching information about the registered student. Admin Can delete the registered student. Admin can add the new course for students. Admin can view course and delete course.admin can update the course.In that student side there is four main operations are given. The first one is registration operation it will make permanent accountcreation. Second one is login when ever you need to visit your page for that security purpose this module will help. Third one is student details thiswill take personal information's about that student. Student can Enroll for the new course which is added by the Admin. Student can view the enroll course and student can update the his/her profile.

INITIAL SETUP:

(IN JAVA):

Maven Project Name: StudentManagementSystemProject.

Package Name : com.student.

Class Name : 1. MainJdbcApp

2.DatabaseConnection

2. AdminOperation

3. StudentOperation

(IN DATABASE):

Creating database in sql (query)

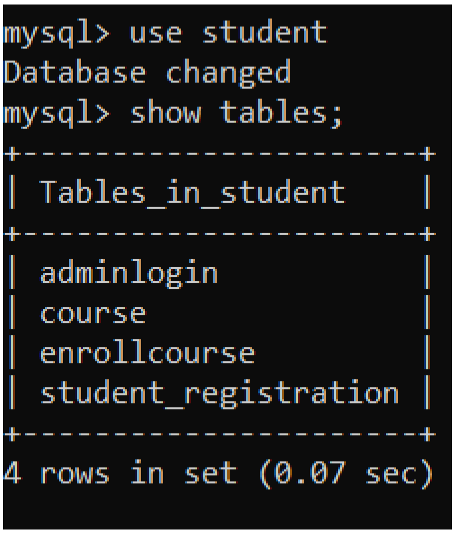
```
Mysql  > create database Student;

Query OK, 1 row affected (0.31 sec)
```

Use Database in

sql(query)

```
mysql>use student;
Database changed
```

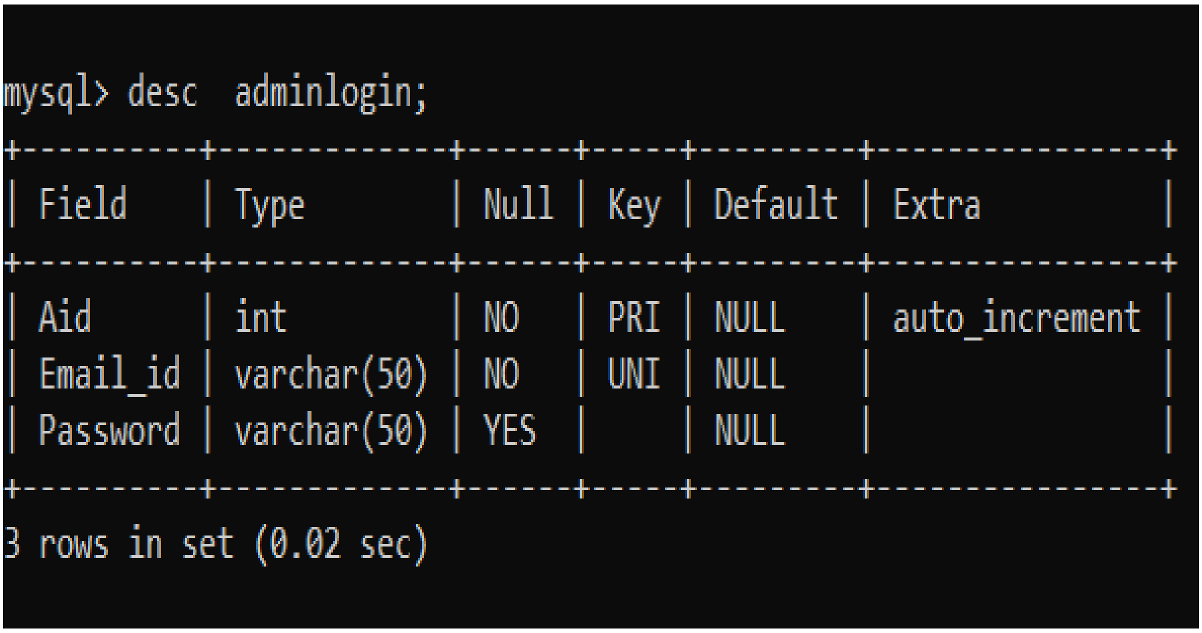
Tables Creation:



```
mysql> use student
Database changed
mysql> show tables;
+----------------------+
| Tables_in_student    |
+----------------------+
| adminlogin           |
| course               |
| enrollcourse         |
| student_registration |
+----------------------+
4 rows in set (0.07 sec)
```

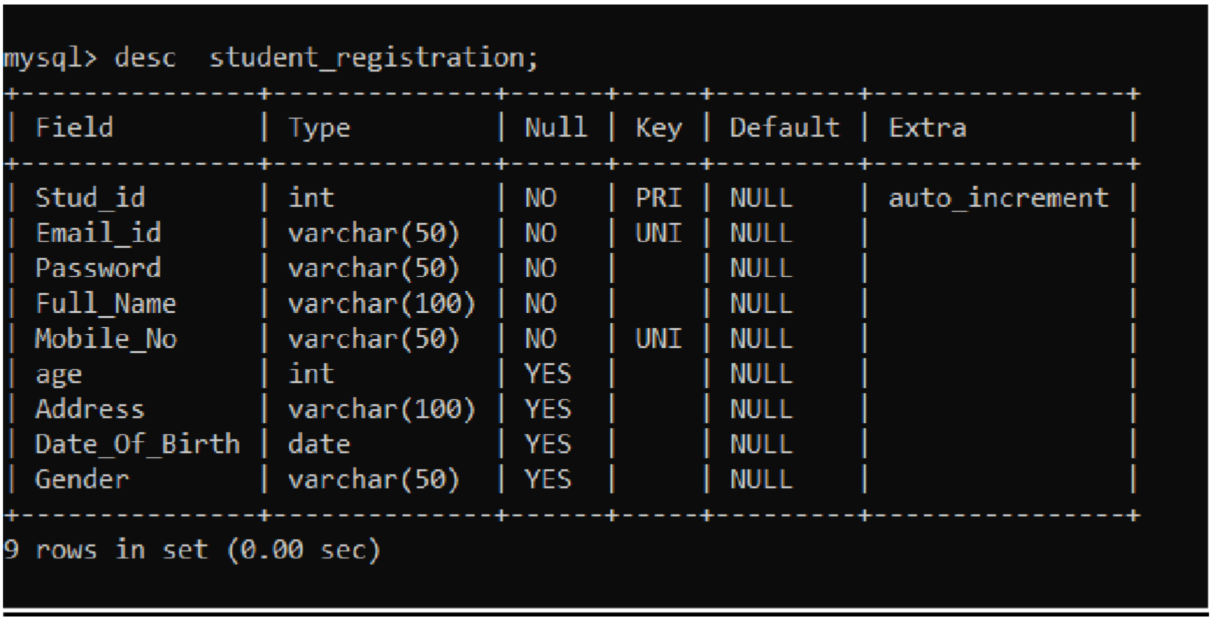
Database table creation:

Admin Login table structure:



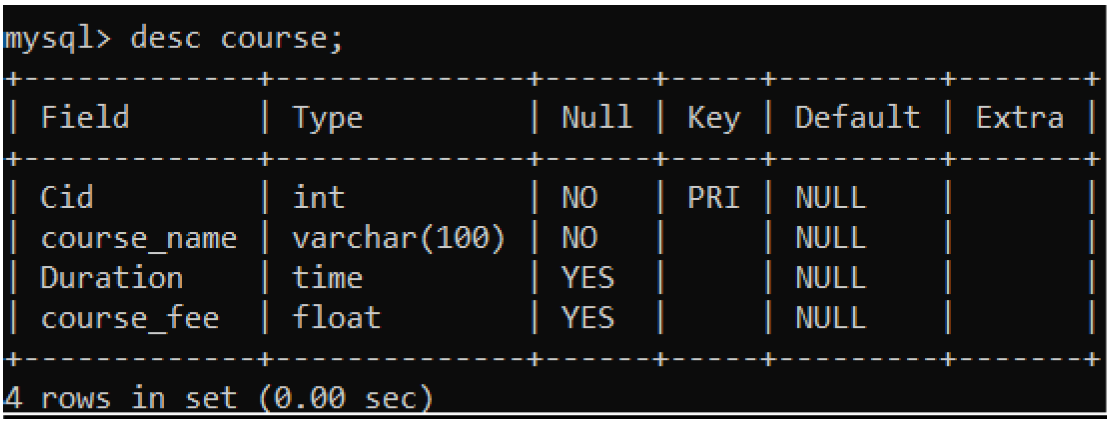
```
mysql> desc  adminlogin;
+----------+-------------+------+-----+---------+----------------+
| Field    | Type        | Null | Key | Default | Extra          |
+----------+-------------+------+-----+---------+----------------+
| Aid      | int         | NO   | PRI | NULL    | auto_increment |
| Email_id | varchar(50) | NO   | UNI | NULL    |                |
| Password | varchar(50) | YES  |     | NULL    |                |
+----------+-------------+------+-----+---------+----------------+
3 rows in set (0.02 sec)
```

Student Registration table structure:



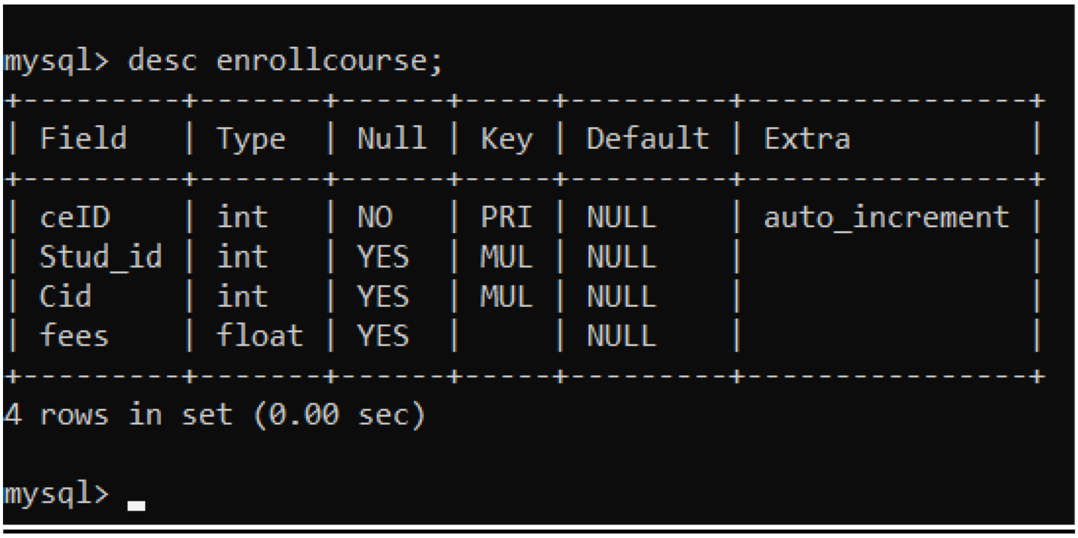
```
mysql> desc  student_registration;
+---------------+--------------+------+-----+---------+----------------+
| Field         | Type         | Null | Key | Default | Extra          |
+---------------+--------------+------+-----+---------+----------------+
| Stud_id       | int          | NO   | PRI | NULL    | auto_increment |
| Email_id      | varchar(50)  | NO   | UNI | NULL    |                |
| Password      | varchar(50)  | NO   |     | NULL    |                |
| Full_Name     | varchar(100) | NO   |     | NULL    |                |
| Mobile_No     | varchar(50)  | NO   | UNI | NULL    |                |
| age           | int          | YES  |     | NULL    |                |
| Address       | varchar(100) | YES  |     | NULL    |                |
| Date_Of_Birth | date         | YES  |     | NULL    |                |
| Gender        | varchar(50)  | YES  |     | NULL    |                |
+---------------+--------------+------+-----+---------+----------------+
9 rows in set (0.00 sec)
```

Course table structure:



```
mysql> desc course;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| Cid         | int          | NO   | PRI | NULL    |       |
| course_name | varchar(100) | NO   |     | NULL    |       |
| Duration    | time         | YES  |     | NULL    |       |
| course_fee  | float        | YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```

Enroll Course table structure:



```
mysql> desc enrollcourse;
+----------+-------+------+-----+---------+----------------+
| Field    | Type  | Null | Key | Default | Extra          |
+----------+-------+------+-----+---------+----------------+
| ceID     | int   | NO   | PRI | NULL    | auto_increment |
| Stud_id  | int   | YES  | MUL | NULL    |                |
| Cid      | int   | YES  | MUL | NULL    |                |
| fees     | float | YES  |     | NULL    |                |
+----------+-------+------+-----+---------+----------------+
4 rows in set (0.00 sec)

mysql> _
```

Databse Connection Code:

```
package com.student;

import java.sql.Connection;
import java.sql.DriverManager;

public class DatabaseConnection {
//load the driver
//make the connection
//create a statement object
//exeute sql commands

public static  String driver="com.mysql.cj.jdbc.Driver";
public static String url="jdbc:mysql://localhost:3306/Student";
public static String un="root";
public static String up="root";
public static Connection conn;

public static Connection getConnection() throws Exception {

Class.forName(driver);
conn=DriverManager.getConnection(url, un, up);
if(conn==null) {
System.out.println("Error in getting connection");
}
return conn;

}
}
```

MainApp.Java Code:

Here I have created Switch case To Perform operation.
There is three option one is Admin Login ,Student Registration ,student Login
By choosing this option Admin And student Can perform the operation.
Here is code Of MainApp.Java.

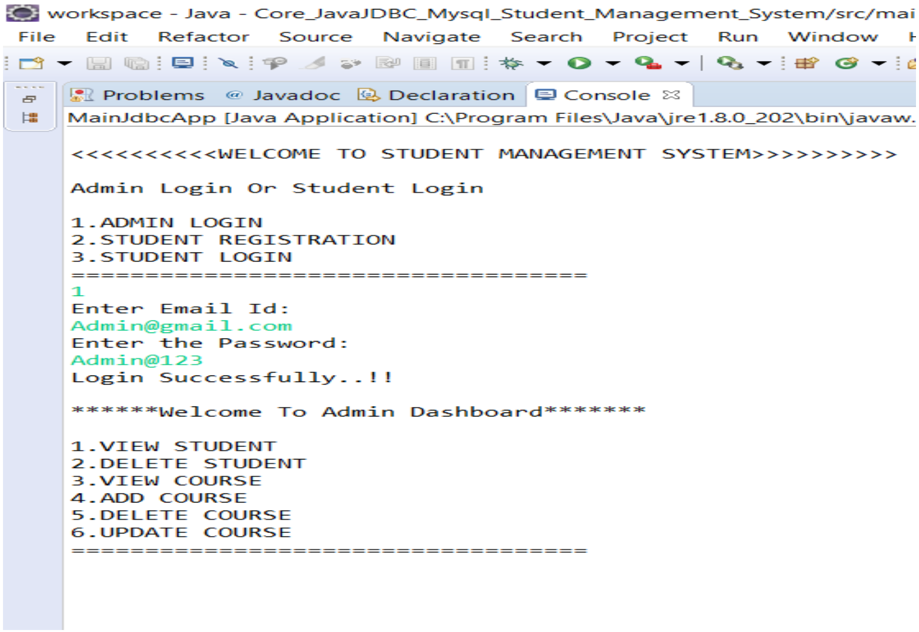
```
package com.student;

import java.util.Scanner;

public class MainJDBCApp
{
public static void main(String[] args) throws Exception
{
int ch,ch1;
Scanner sc=new Scanner(System.in);
System.out.println();
System.out.println("<<<<<<<<<<WELCOME TO STUDENT
MANAGEMENT SYSTEM>>>>>>>>>>");
System.out.println();
while(true) {
System.out.println("Admin Login Or Student Login");
System.out.println();
System.out.println("1.ADMIN LOGIN \n2.STUDENT REGISTRATION
\n3.STUDENT LOGIN");
System.out.println("======================================");
ch=sc.nextInt();
switch(ch){
case 1:if(AdminOperation.AdminLogin())
{
System.out.println("Login Successfully..!!");
System.out.println();
System.out.println("******Welcome To Admin Dashboard*******");
System.out.println();

while(true)
{
```

```
System.out.println("1.VIEW  STUDENT \n2.DELETE  STUDENT \n3.VIEW COURSE \n4.ADD COURSE \n5.DELETE COURSE \n6.UPDATE COURSE");
System.out.println("======================================");
ch1=sc.nextInt();
switch(ch1)
{
case 1:AdminOperation.viewStudents();
break;
case 2:AdminOperation.deleteStudent();
break;
case 3:AdminOperation.viewCourse();
break;
case 4:AdminOperation.addCourse();
break;
case 5:AdminOperation.deleteCourse();
break;
case 6:AdminOperation.updateCourse();
break;
}
System.out.println();
System.out.println("'Admin' Do you want to Perform Other Operation Press 'y' for Yess AND Press 'N' for No");
char choice=sc.next().charAt(0);
if(choice=='n')
{
break;
}

}//while
}
else
{
System.out.println("Incorrct Login ");
}

break;
case 2:if(StudentOperations.StudRegistration())
{
System.out.println("Successfully Registrated..Please login");
}
else
          {
```

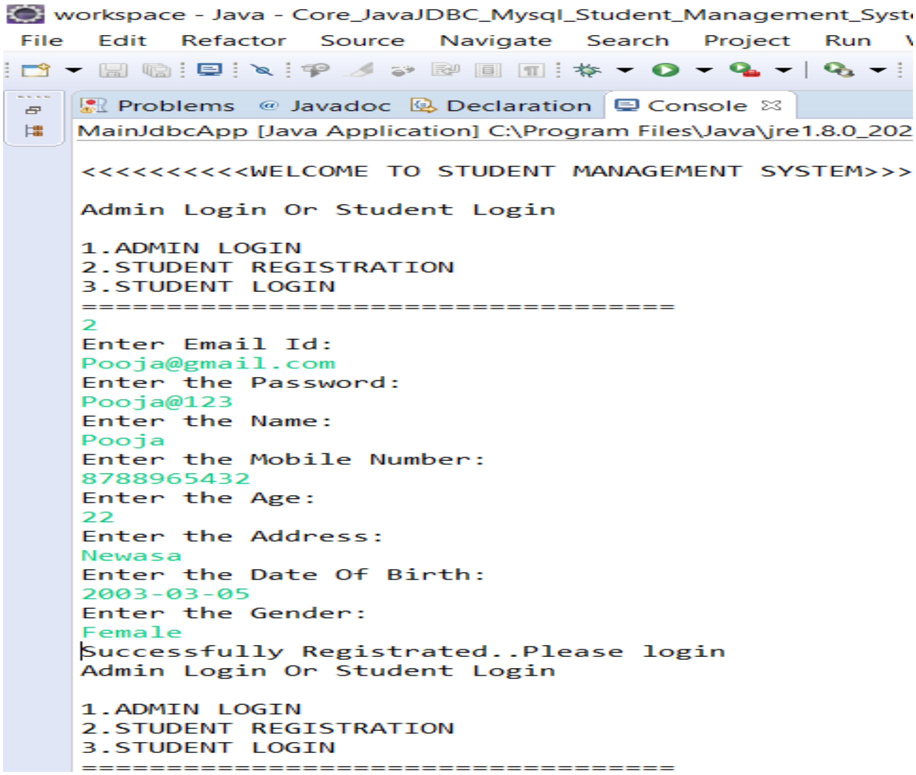
```
System.out.println("Student Already Registered...Please Login");
}

break;

case 3:if(StudentOperations.Studlogin())
{

System.out.println("Login Successfully..!!");
System.out.println();
System.out.println("******Welcome To Student Dashboard*******");
System.out.println();
while(true)
{
System.out.println("1.VIEW PROFILE \n2.UPDATE PROFILE \n3.ENROLL COURSE \n4.VIEW ENROLL COURSE");
System.out.println("======================================");
ch1=sc.nextInt();
switch(ch1)
{
case 1:StudentOperations.ViewProfile();
break;
case 2:StudentOperations.UpdateProfile();
break;
case 3:StudentOperations.CourseEnroll();
break;
case 4:StudentOperations.ViewEnrolledCourse();
break;
}
System.out.println();
System.out.println("'Student' Do you want to Perform Other Opearion Press 'y' for continue AND 'n' for stop");
char choice=sc.next().charAt(0);
if(choice=='n')
{
break;
}
}
}
else
{
```

```
System.out.println("Incorrect Credentials..!! Or first Registered your self");
                    }
                         break;

                    }//switch
//                  System.out.println("Do you Want To Login...Press 'y' for Yess AND
Press 'N' for No");
//           char choice=sc.next().charAt(0);
//           if(choice=='n') {
//                     break;
//           }
          }//while

}//main
}
```

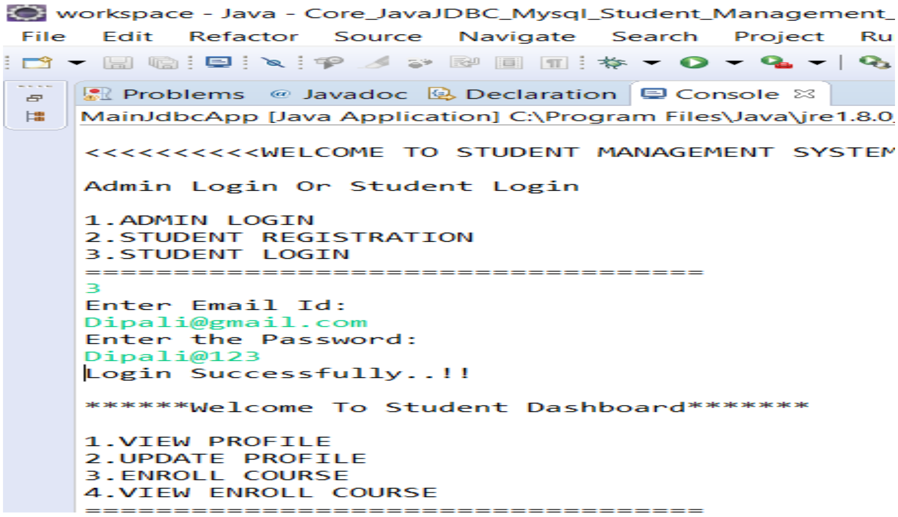
Output :-



```
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.

<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
```



```
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202

<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
2
Enter Email Id:
Pooja@gmail.com
Enter the Password:
Pooja@123
Enter the Name:
Pooja
Enter the Mobile Number:
8788965432
Enter the Age:
22
Enter the Address:
Newasa
Enter the Date Of Birth:
2003-03-05
Enter the Gender:
Female
Successfully Registrated..Please login
Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
```



workspace - Java - Core_JavaJDBC_Mysql_Student_Management_
File Edit Refactor Source Navigate Search Project Ru
Problems
Javadoc
Declaration
Console

```
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_

<<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
3
Enter Email Id:
Dipali@gmail.com
Enter the Password:
Dipali@123
Login Successfully..!!

******Welcome To Student Dashboard*******

1.VIEW PROFILE
2.UPDATE PROFILE
3.ENROLL COURSE
4.VIEW ENROLL COURSE
===================================
```

Admin Operation :-

In this File I have added All the Methods Of Admin.first admin Login the system. Admin can view the Profile of student, admin can delete this student . admin can add some courses ,admin can delete course etc.

```
package com.student;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.util.Scanner;

public class AdminOperation
{
static Connection con;
static String course_name;
static String Duration;
static float course_fee;
static String Email_id,Password;
public static boolean AdminLogin() throws Exception {

con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.println("Enter Email Id:");
Email_id=sc.next();
pst=con.prepareStatement("select * from AdminLogin where Email_id=?");
pst.setString(1,Email_id );
ResultSet rs=pst.executeQuery();

if(rs.next())
{
System.out.println("Enter the Password:");
Password=sc.next();

if(rs.getString(2).contentEquals(Email_id)                          &&
rs.getString(3).contentEquals(Password))
{
return true;
//                              System.out.println("Login succefully");
}
else
{
return false;
//System.out.println("Password Wrong...!!");

}
}
else

//System.out.println("Email Id not present Wrong...!!");
return false;
}
public static void viewStudents() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst=con.prepareStatement("select * from
Student_Registration");
ResultSet rs=pst.executeQuery();
System.out.println("STUD_ID\t\tEMAIL
ID\t\tPASSWORD\tNAME\tMOBILE\t\tAGE\tADDRESS\tDOB\t\t
GENDER");
System.out.println("...............................................................................................
..........................");
while(rs.next())
{

System.out.println(rs.getInt(1)+"\t\t"+rs.getString(2)+"\t"+rs.getString(3)+"\t"+r
s.getString(4)+"\t"+rs.getString(5)+"\t"+rs.getInt(6)
+"\t"+rs.getString(7)+"\t"+rs.getString(8)+"\t"+rs.getString(9));
}



}

public static void viewCourse() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst=con.prepareStatement("select * from course");
ResultSet rs=pst.executeQuery();
```

```
System.out.println("CID\tCOURSE NAME\tDuration\tFee");
System.out.println(". ...................................................");
while(rs.next())
{

System.out.println(rs.getInt(1)+"\t"+rs.getString(2)+"\t\t"+rs.getString(3)+"\t"+r
s.getFloat(4));
}
}

public static void addCourse() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.print("Enter the course ID:");
int cid=sc.nextInt();
pst=con.prepareStatement("select * from course where cid=?");
pst.setInt(1, cid);
ResultSet rs=pst.executeQuery();
if(!rs.next())
{

System.out.println("Enter the Course Name:");
course_name=sc.next();
System.out.println("Enter the Course Duration:");
Duration=sc.next();
System.out.println("Enter the Course fee:");
course_fee=sc.nextFloat();

pst=con.prepareStatement("insert into course values(?,?,?,?)");
pst.setInt(1, cid);
pst.setString(2, course_name);
pst.setString(3, Duration);
pst.setFloat(4, course_fee);
int k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Inserted SuccessFully!!");
}


              }
```

```
else
{
System.out.println("Course ID already Presents");
}
}
public static void deleteCourse() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.println("Enter Course Id To delete the Course:");
int cid=sc.nextInt();
pst=con.prepareStatement("select * from course where cid=?");
pst.setInt(1, cid);
ResultSet rs=pst.executeQuery();
if(rs.next())
{
pst=con.prepareStatement("delete from course where cid=?");
pst.setInt(1, cid);
int k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Deleted Successfully...!!");
}

}
else
{
System.out.println("Course Not Present");
}
}
public static void deleteStudent() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.println("Enter Student Id To delete the Student:");
int Stud_id=sc.nextInt();
pst=con.prepareStatement("select * from Student_Registration where
Stud_id=?");
pst.setInt(1, Stud_id);
```

```
ResultSet rs=pst.executeQuery();
if(rs.next())
{
pst=con.prepareStatement("delete from Student_Registration where
Stud_id=?");
pst.setInt(1, Stud_id);
int k=pst.executeUpdate();
if(k>0)
{
System.out.println("Student Record Deleted Successfully...!!");
}

}
else
{
System.out.println("Student Record Not Present");
}
}
public static void updateCourse() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.println("Enter Course Id To Update the Course:");
int cid=sc.nextInt();
pst=con.prepareStatement("select * from course where cid=?");
pst.setInt(1, cid);
ResultSet rs=pst.executeQuery();
if(rs.next())
{
while(true)
{
System.out.println("Which Feild do you want to update");
System.out.println("==========================================");
System.out.println("1  UPDATE  COURSE  NAME    \n2 UPDATE COURSE
DURATION \n3 UPDATE COURSE FEE");
int ch=sc.nextInt();
switch(ch)
{
case 1:System.out.println("enter the Course Name To update");
```

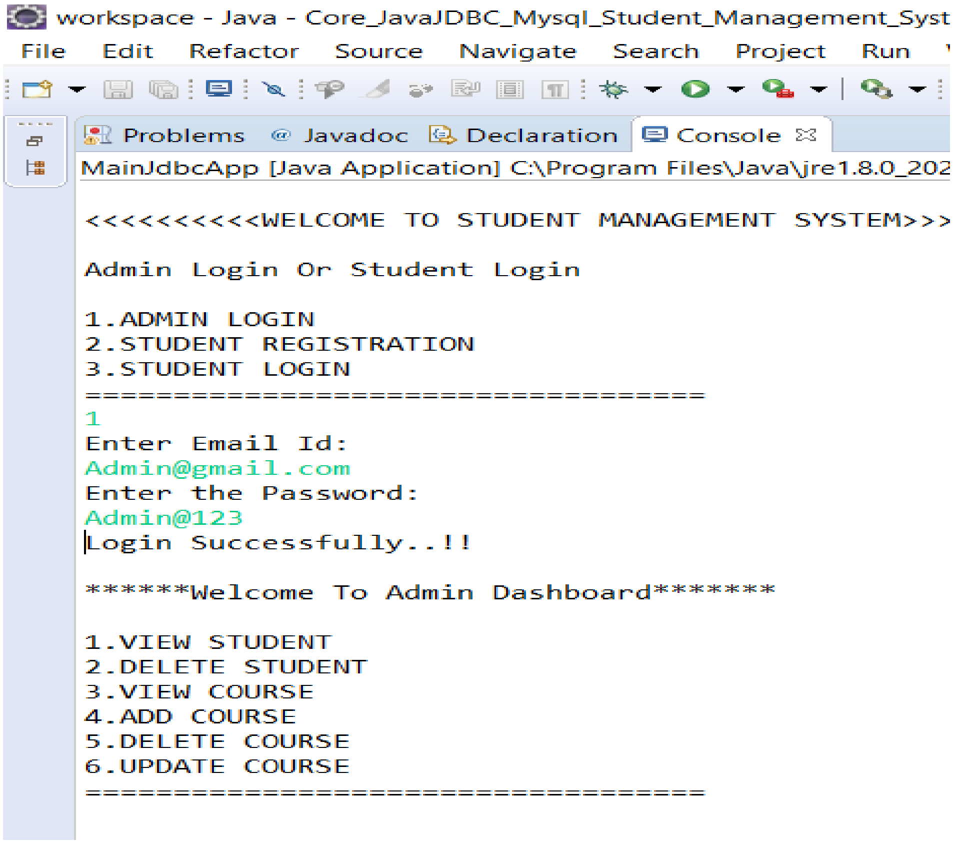
```
course_name=sc.next();
String str="update course set course_name=? where cid=?";

pst=con.prepareStatement(str);
pst.setString(1,  course_name);
pst.setInt(2, cid);
int k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}

break;

case 2:System.out.println("enter the Course Duration");
Duration=sc.next();
str="update course set Duration=? where cid=?";

pst=con.prepareStatement(str);
pst.setString(1, Duration);
pst.setInt(2, cid);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}

break;


case 3:System.out.println("enter the Course Fees");
course_fee=sc.nextFloat();
str="update course set course_fee=? where cid=?";
```

```
pst=con.prepareStatement(str);
pst.setFloat(1, course_fee);
pst.setInt(2, cid);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}

break;
}
System.out.println();
System.out.println("Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No");
char choice=sc.next().charAt(0);
if(choice=='n')
{
break;
}
}
}
else
{
System.out.println("Course ID Not Present");
}
}


}
```

OUTPUT:

Admin Login:

Admin first login the system by entering email Id and Password.



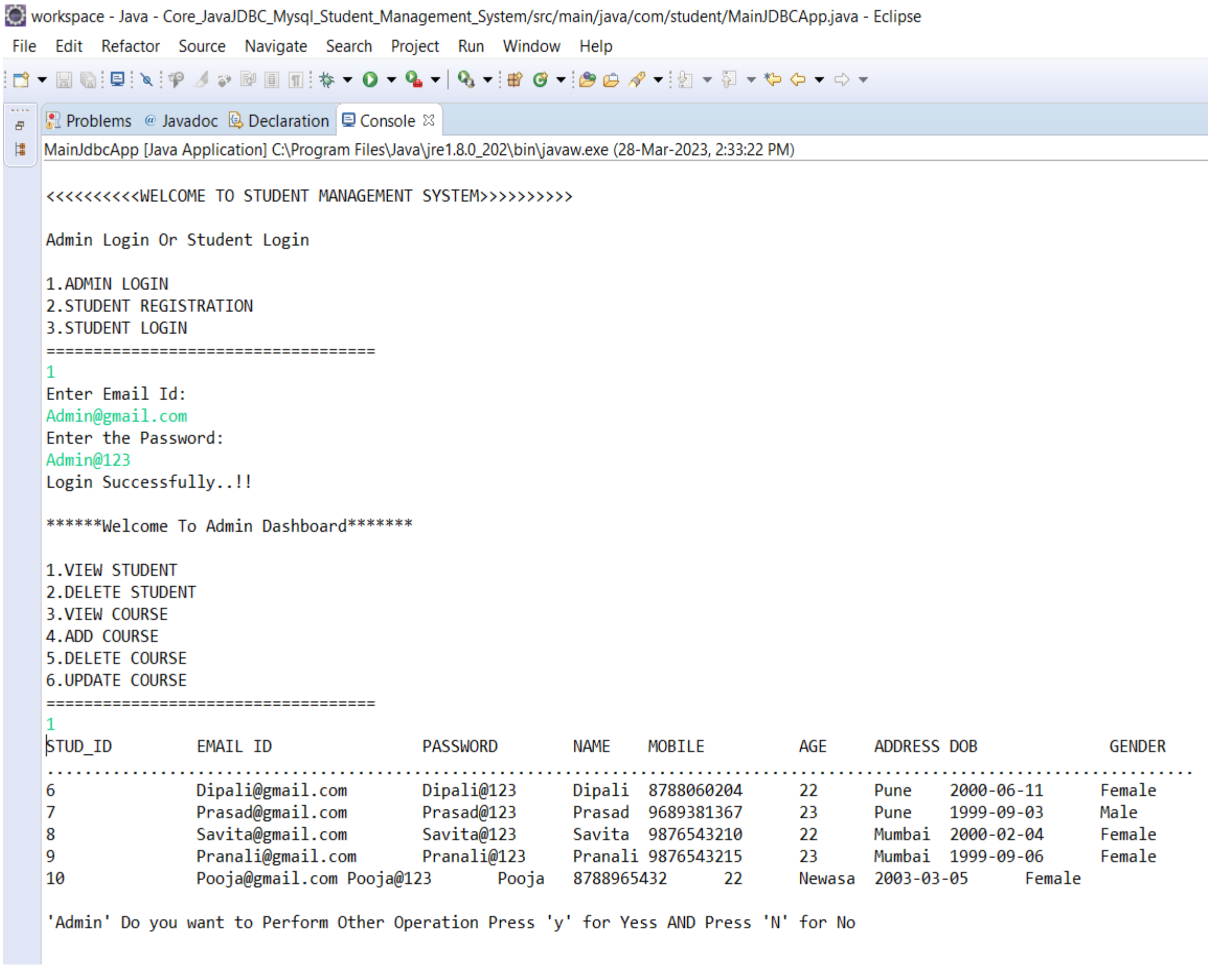
workspace - Java - Core_JavaJDBC_Mysql_Student_Management_Syst
File Edit Refactor Source Navigate Search Project Run
Problems
Javadoc
Declaration
Console

MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202

```
<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
```

View Registered Students:

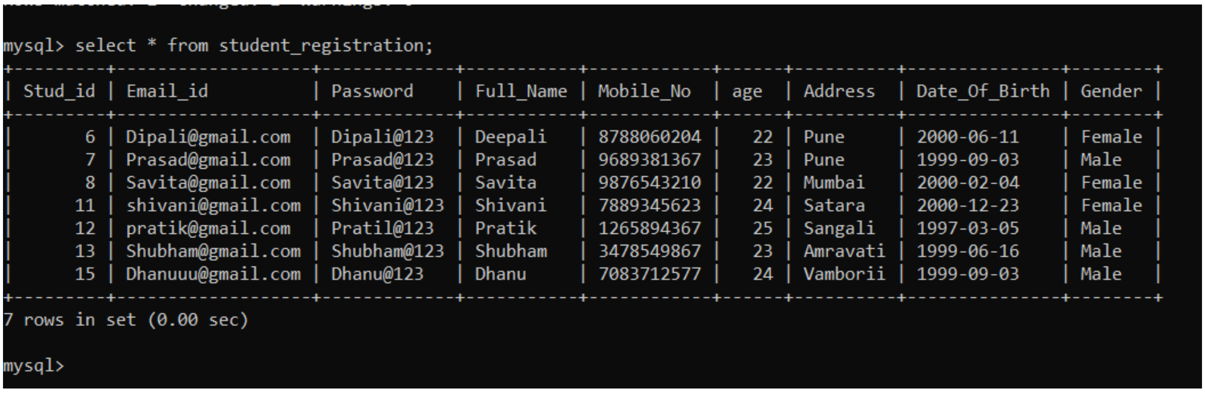
After Login Admin can view the Registered students List:


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java - Eclipse
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console

MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 2:33:22 PM)

```
<<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
1
STUD_ID         EMAIL ID                PASSWORD        NAME    MOBILE          AGE     ADDRESS DOB             GENDER
.........................................................................................................................
6               Dipali@gmail.com        Dipali@123      Dipali  8788060204      22      Pune    2000-06-11      Female
7               Prasad@gmail.com        Prasad@123      Prasad  9689381367      23      Pune    1999-09-03      Male
8               Savita@gmail.com        Savita@123      Savita  9876543210      22      Mumbai  2000-02-04      Female
9               Pranali@gmail.com       Pranali@123     Pranali 9876543215      23      Mumbai  1999-09-06      Female
10              Pooja@gmail.com Pooja@123       Pooja   8788965432      22      Newasa  2003-03-05      Female

'Admin' Do you want to Perform Other Operation Press 'y' for Yess AND Press 'N' for No
```

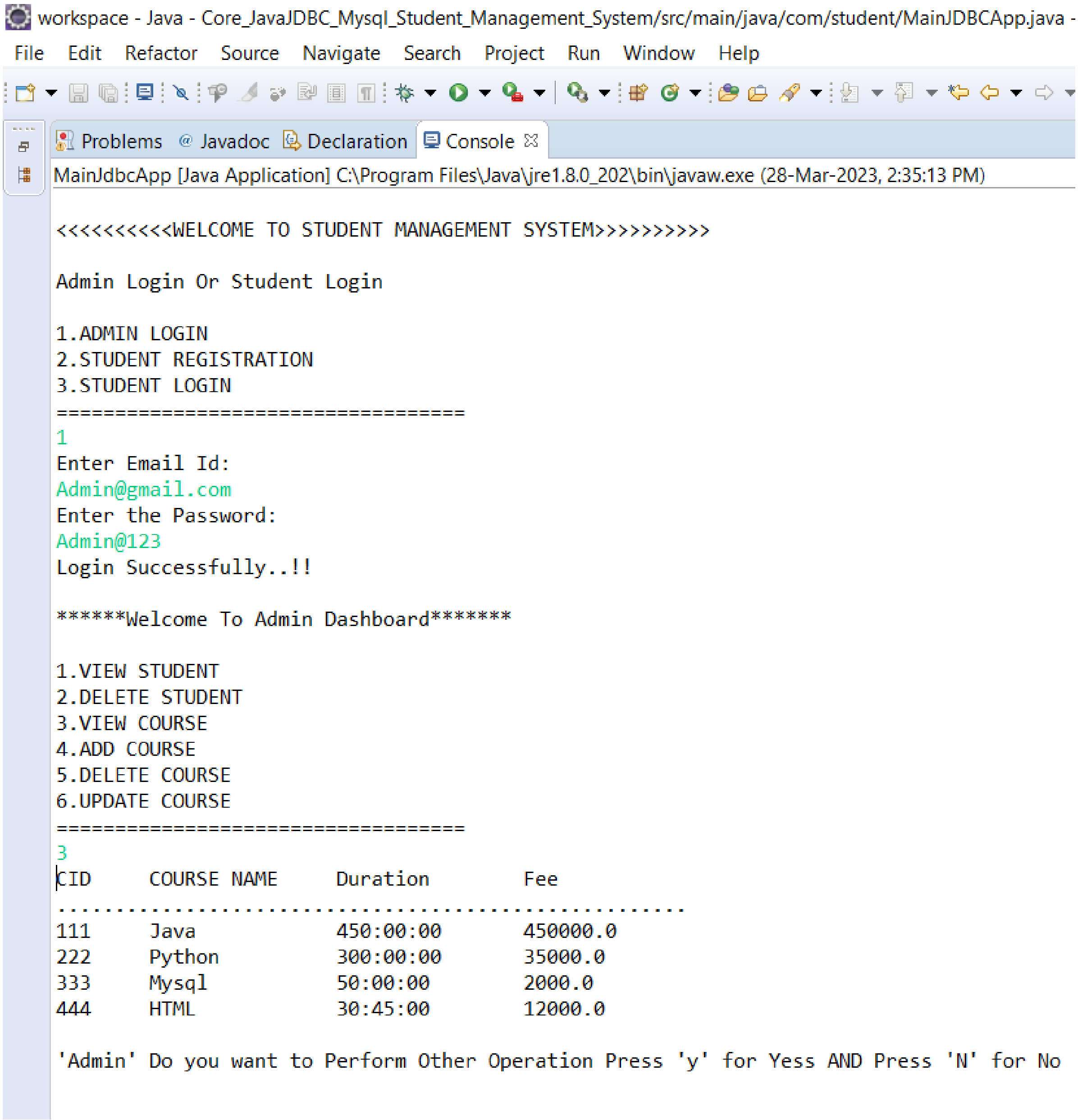
Mysql Records:-



```
mysql> select * from student_registration;
+---------+--------------------+-------------+-----------+-------------+------+-----------+---------------+--------+
| Stud_id | Email_id           | Password    | Full_Name | Mobile_No   | age  | Address   | Date_Of_Birth | Gender |
+---------+--------------------+-------------+-----------+-------------+------+-----------+---------------+--------+
|       6 | Dipali@gmail.com   | Dipali@123  | Deepali   | 8788060204  |   22 | Pune      | 2000-06-11    | Female |
|       7 | Prasad@gmail.com   | Prasad@123  | Prasad    | 9689381367  |   23 | Pune      | 1999-09-03    | Male   |
|       8 | Savita@gmail.com   | Savita@123  | Savita    | 9876543210  |   22 | Mumbai    | 2000-02-04    | Female |
|      11 | shivani@gmail.com  | Shivani@123 | Shivani   | 7889345623  |   24 | Satara    | 2000-12-23    | Female |
|      12 | pratik@gmail.com   | Pratil@123  | Pratik    | 1265894367  |   25 | Sangali   | 1997-03-05    | Male   |
|      13 | Shubham@gmail.com  | Shubham@123 | Shubham   | 3478549867  |   23 | Amravati  | 1999-06-16    | Male   |
|      15 | Dhanuuu@gmail.com  | Dhanu@123   | Dhanu     | 7083712577  |   24 | Vamborii  | 1999-09-03    | Male   |
+---------+--------------------+-------------+-----------+-------------+------+-----------+---------------+--------+
7 rows in set (0.00 sec)

mysql>
```

View Course :

After Login Admin can view the course List:

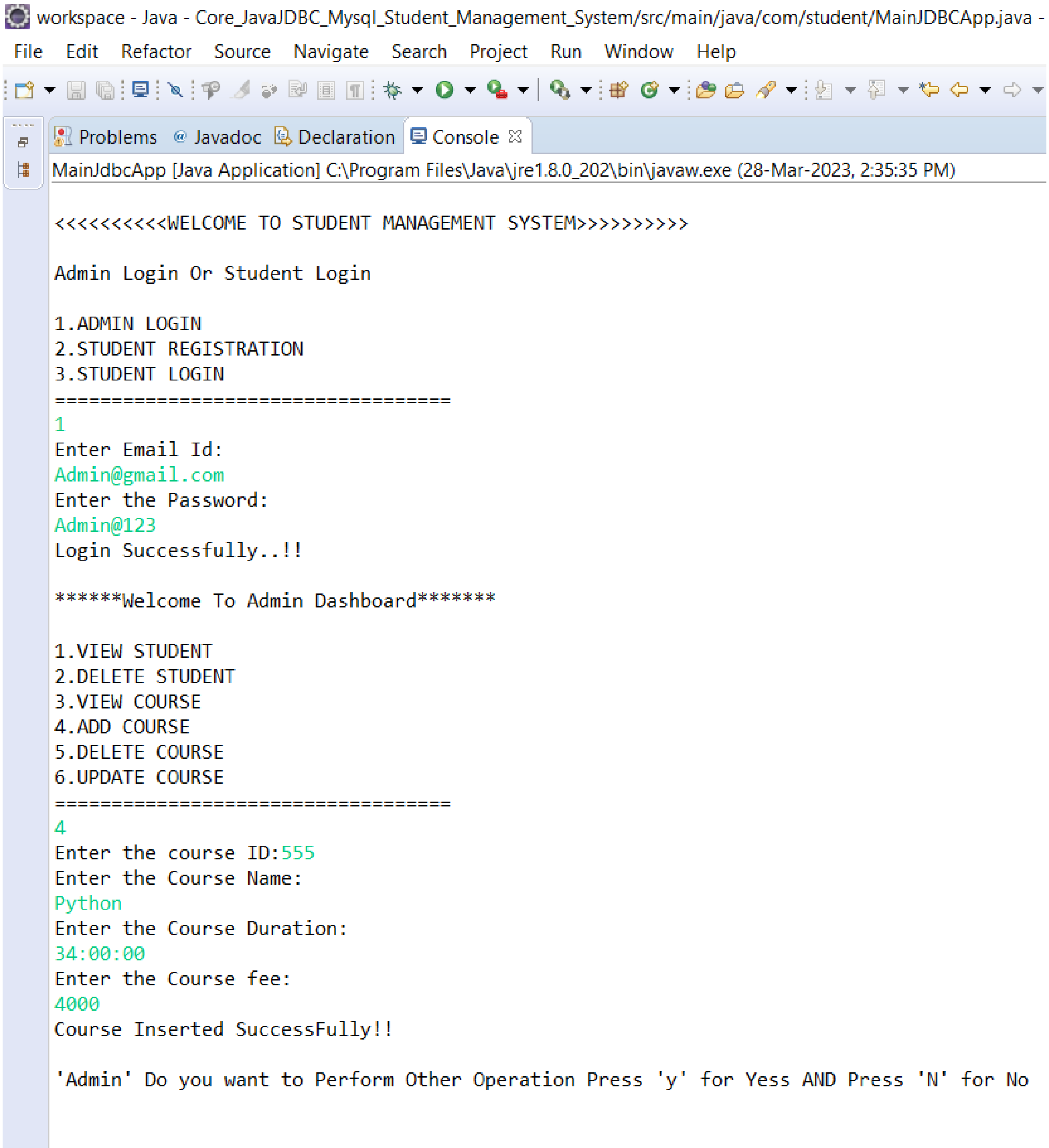

workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java -
File Edit Refactor Source Navigate Search Project Run Window Help
Problems @ Javadoc Declaration Console

MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 2:35:13 PM)

```
<<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
3
CID     COURSE NAME     Duration        Fee
.......................................................
111     Java            450:00:00       450000.0
222     Python          300:00:00       35000.0
333     Mysql           50:00:00        2000.0
444     HTML            30:45:00        12000.0

'Admin' Do you want to Perform Other Operation Press 'y' for Yess AND Press 'N' for No
```

Admin Add new course:

After Login Admin can Add the new course in the database:
Admin add course name, course duration And course Fee.So that Student can Enroll For that course.

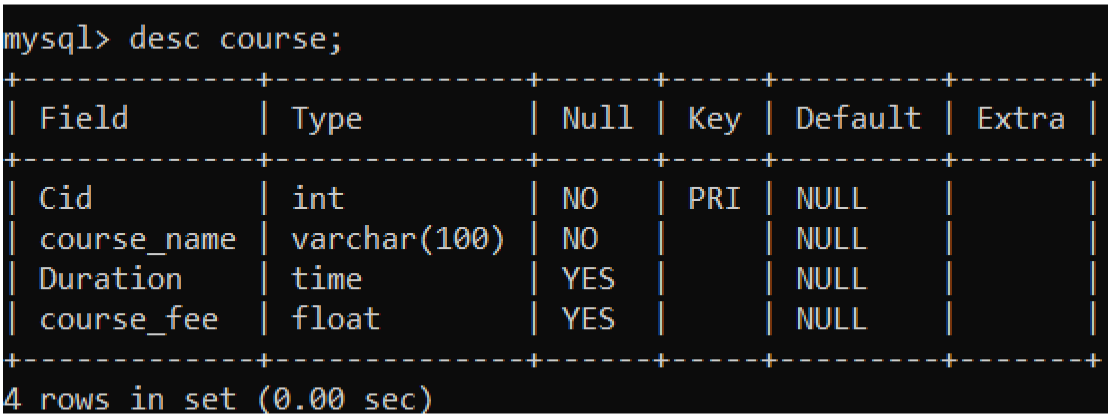


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java -
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console

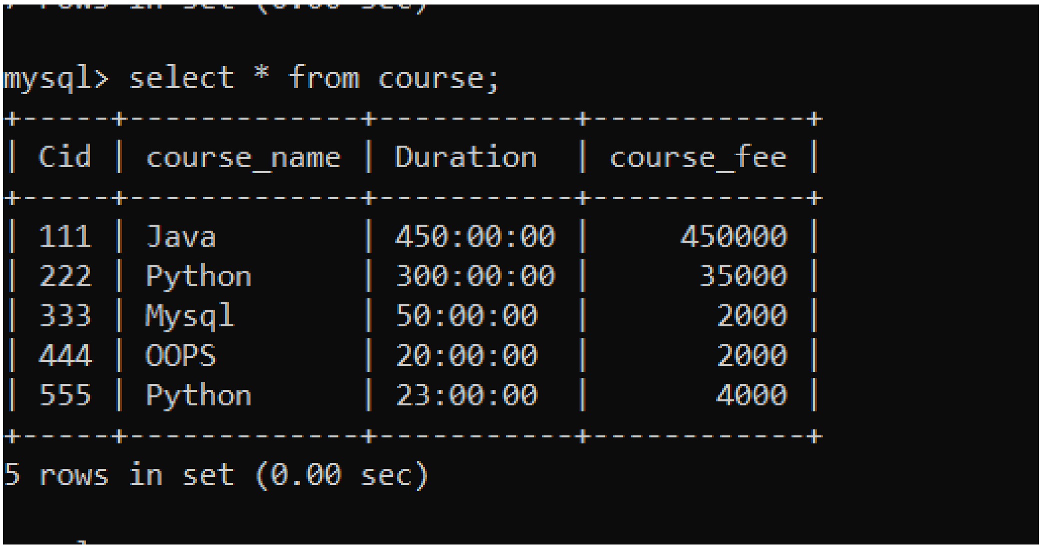
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 2:35:35 PM)

```
<<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
4
Enter the course ID:555
Enter the Course Name:
Python
Enter the Course Duration:
34:00:00
Enter the Course fee:
4000
Course Inserted SuccessFully!!

'Admin' Do you want to Perform Other Operation Press 'y' for Yess AND Press 'N' for No
```

Mysql Course Table Records:-



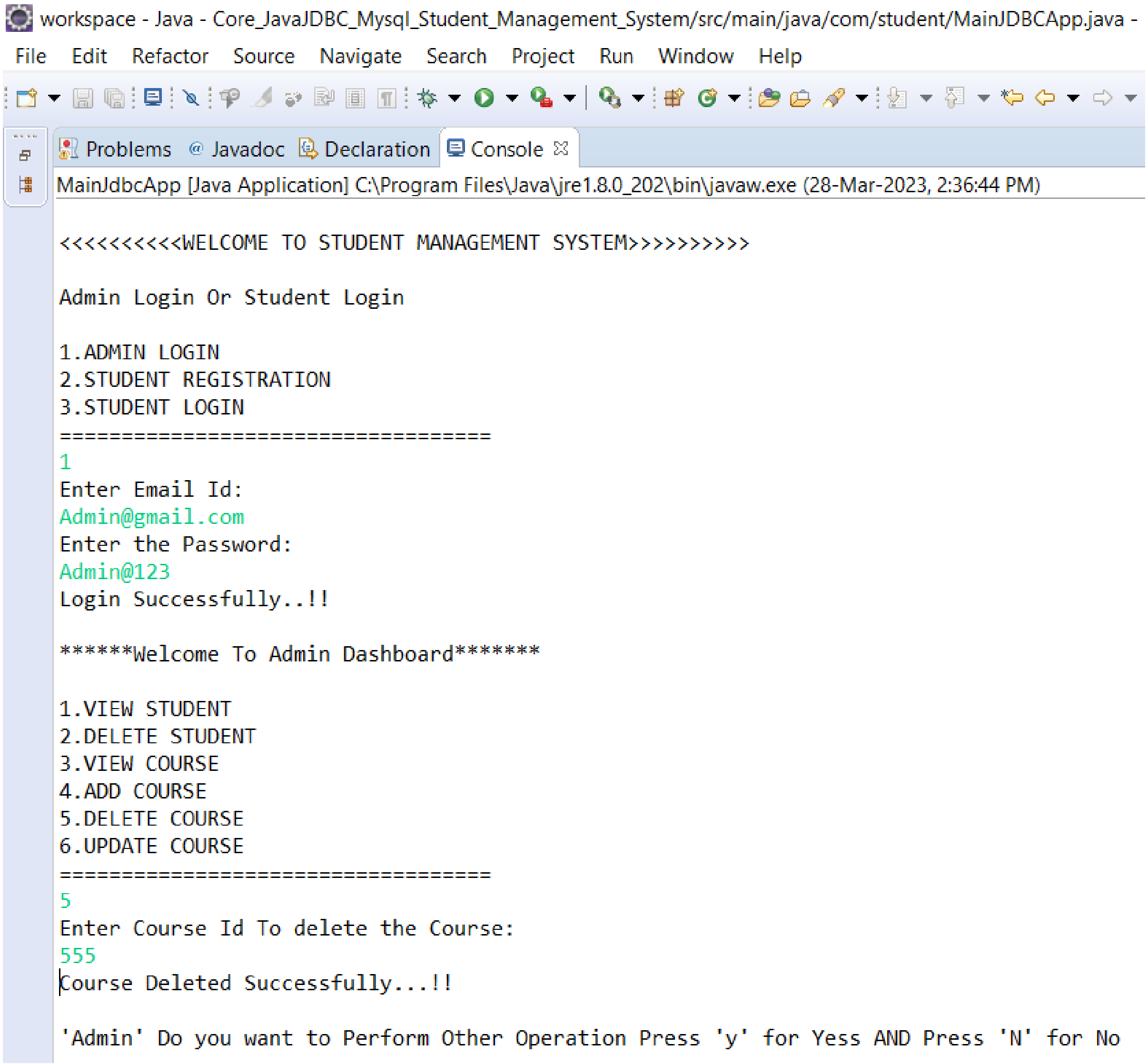
```
mysql> desc course;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| Cid         | int          | NO   | PRI | NULL    |       |
| course_name | varchar(100) | NO   |     | NULL    |       |
| Duration    | time         | YES  |     | NULL    |       |
| course_fee  | float        | YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```



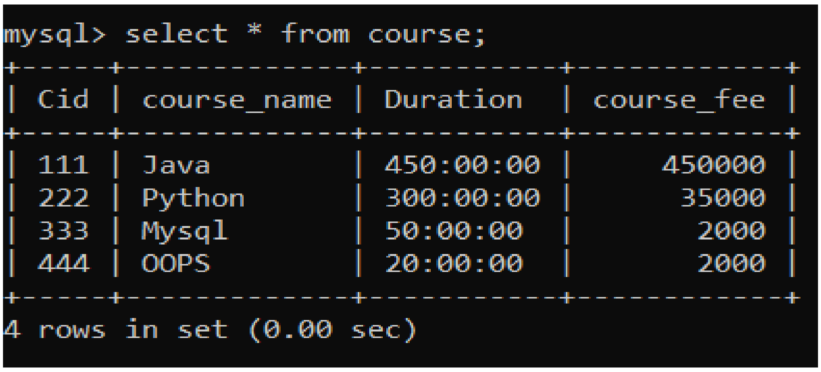
```
mysql> select * from course;
+-----+-------------+-----------+------------+
| Cid | course_name | Duration  | course_fee |
+-----+-------------+-----------+------------+
| 111 | Java        | 450:00:00 |     450000 |
| 222 | Python      | 300:00:00 |      35000 |
| 333 | Mysql       | 50:00:00  |       2000 |
| 444 | OOPS        | 20:00:00  |       2000 |
| 555 | Python      | 23:00:00  |       4000 |
+-----+-------------+-----------+------------+
5 rows in set (0.00 sec)
```

Admin Delete course:

Admin can delete the course which is added by admin itself.


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java -
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 2:36:44 PM)

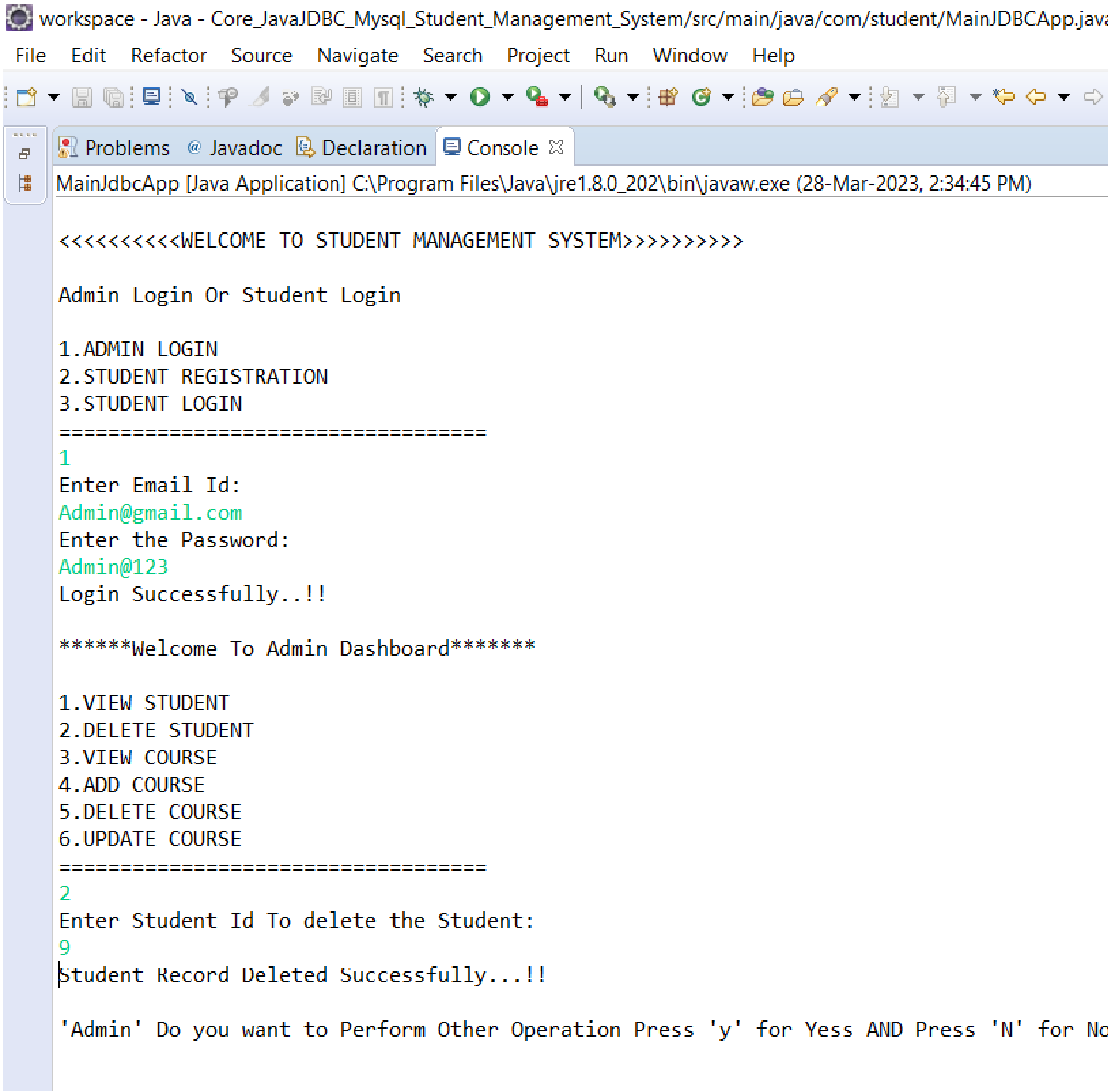
```
<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
5
Enter Course Id To delete the Course:
555
Course Deleted Successfully...!!

'Admin' Do you want to Perform Other Operation Press 'y' for Yess AND Press 'N' for No
```



```
mysql> select * from course;
+-----+-------------+-----------+------------+
| Cid | course_name | Duration  | course_fee |
+-----+-------------+-----------+------------+
| 111 | Java        | 450:00:00 |     450000 |
| 222 | Python      | 300:00:00 |      35000 |
| 333 | Mysql       | 50:00:00  |       2000 |
| 444 | OOPS        | 20:00:00  |       2000 |
+-----+-------------+-----------+------------+
4 rows in set (0.00 sec)
```

Admin Delete Registered Students:

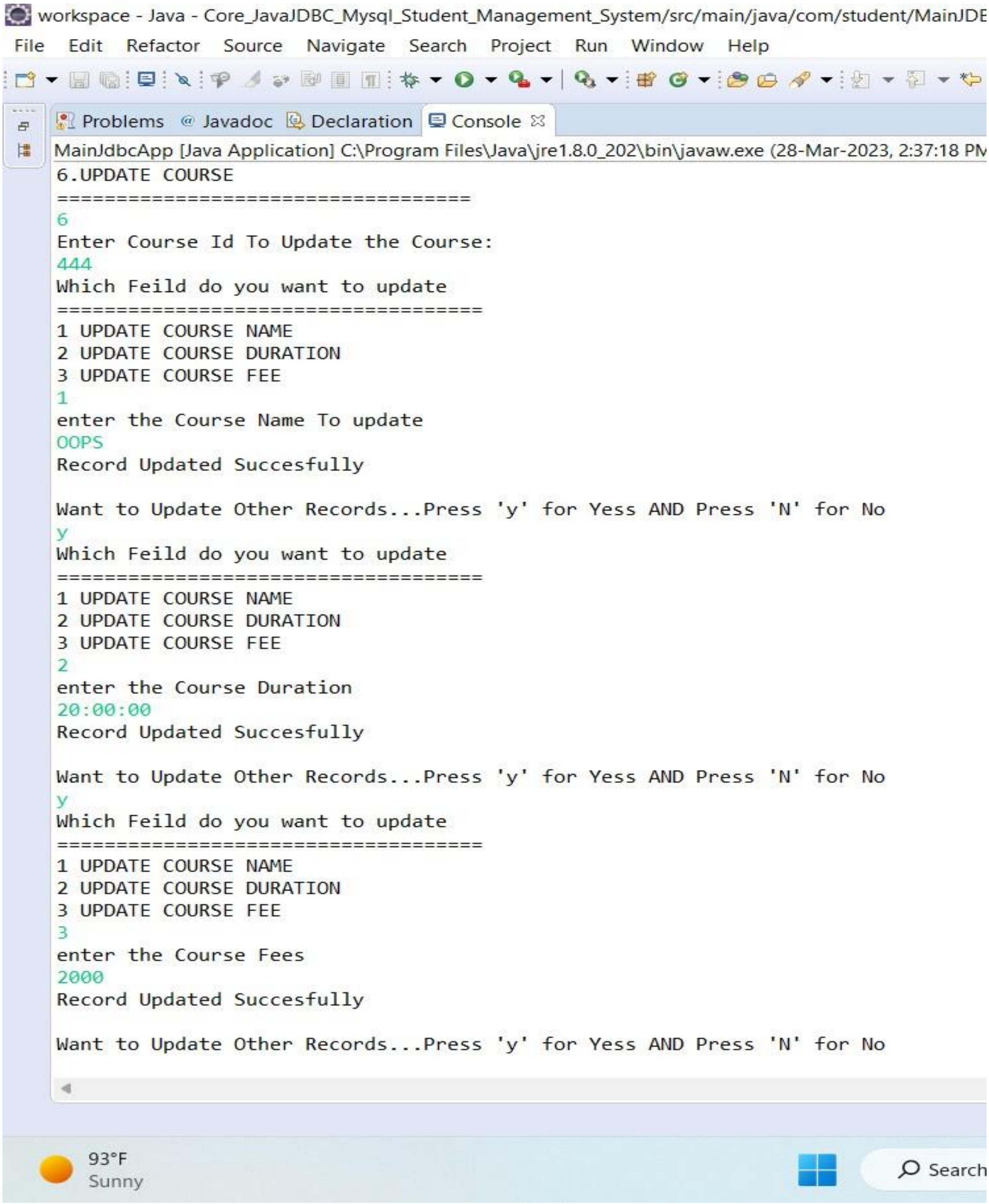
Admin can delete the records of registered students:


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console

```
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 2:34:45 PM)

<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
1
Enter Email Id:
Admin@gmail.com
Enter the Password:
Admin@123
Login Successfully..!!

******Welcome To Admin Dashboard*******

1.VIEW STUDENT
2.DELETE STUDENT
3.VIEW COURSE
4.ADD COURSE
5.DELETE COURSE
6.UPDATE COURSE
===================================
2
Enter Student Id To delete the Student:
9
Student Record Deleted Successfully...!!

'Admin' Do you want to Perform Other Operation Press 'y' for Yess AND Press 'N' for No
```

Admin Update the Course:

Admin Can Update the course. Admin update the course name, course duration , course fee.


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDE
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console
93°F
Sunny
Search

```
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 2:37:18 PM
6.UPDATE COURSE
===================================
6
Enter Course Id To Update the Course:
444
Which Feild do you want to update
====================================
1 UPDATE COURSE NAME
2 UPDATE COURSE DURATION
3 UPDATE COURSE FEE
1
enter the Course Name To update
OOPS
Record Updated Succesfully

Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No
y
Which Feild do you want to update
====================================
1 UPDATE COURSE NAME
2 UPDATE COURSE DURATION
3 UPDATE COURSE FEE
2
enter the Course Duration
20:00:00
Record Updated Succesfully

Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No
y
Which Feild do you want to update
====================================
1 UPDATE COURSE NAME
2 UPDATE COURSE DURATION
3 UPDATE COURSE FEE
3
enter the Course Fees
2000
Record Updated Succesfully

Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No
```

Student Operation :-

In this File I have added All the Methods Of Student.first admin Login the system. Student can view the Profile of student, Student can Update the profile. Student can view the Course Can Enroll the course etc.

```
package com.student;

import  java.sql.*;
import java.util.Scanner;
public class StudentOperations {

static Connection con;
static String
Email_id,Password,Full_Name,Mobile_No,Address,Gender,Date_Of_Birth;
static int age,Stud_id;

public static boolean StudRegistration() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.println("Enter Email Id:");
Email_id=sc.next();
pst=con.prepareStatement("select * from Student_Registration where
Email_id=?");
pst.setString(1,Email_id );

ResultSet rs=pst.executeQuery();
if(!rs.next())
{
System.out.println("Enter the Password:");
Password=sc.next();
System.out.println("Enter the Name:");
Full_Name=sc.next();
System.out.println("Enter the Mobile Number:");
Mobile_No=sc.next();
System.out.println("Enter the Age:");
age=sc.nextInt();
System.out.println("Enter the Address:");
Address=sc.next();
System.out.println("Enter the Date Of Birth:");
Date_Of_Birth=sc.next();
System.out.println("Enter the Gender:");
Gender=sc.next();
pst=con.prepareStatement("insert                                          into
Student_Registration(Email_id,Password,Full_Name,Mobile_No,age,Address,
Date_Of_Birth, Gender) values(?,?,?,?,?,?,?,?) ");
pst.setString(1, Email_id);
pst.setString(2, Password);
pst.setString(3, Full_Name);
pst.setString(4, Mobile_No);
pst.setInt(5, age);
pst.setString(6, Address);
pst.setString(7, Date_Of_Birth);
pst.setString(8, Gender);

int k=pst.executeUpdate();
if(k>0)
{
//              System.out.println("Record Insertted successfully");
return true;
}
else
{
return false;
}

}
else
// System.out.println("Student Email Already Presents");


return false;

}

public static boolean Studlogin() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
System.out.println("Enter Email Id:");
Email_id=sc.next();
pst=con.prepareStatement("select   *   from     Student_Registration    where
Email_id=?");
```

```
pst.setString(1,Email_id );
ResultSet rs=pst.executeQuery();

if(rs.next())
{
System.out.println("Enter the Password:");
Password=sc.next();

if(rs.getString(2).contentEquals(Email_id)                    &&
rs.getString(3).contentEquals(Password))
{
return true;
//System.out.println("Login succefully");
}
else
{
return false;
//System.out.println("Password Wrong ... First Register Your self");
}
}
else

//System.out.println("Email sId not present Wrong ... First Register Your self");

return false;
}

public static void CourseEnroll() throws SQLException
{

Scanner sc=new Scanner(System.in);
PreparedStatement pst;
System.out.println("Which Course Do You Want To Do");
pst=con.prepareStatement("select * from course ");
ResultSet rs=pst.executeQuery();
System.out.println("ID\tCName\tDuration\tFee");
System.out.println("______________________________");
String Email_id=StudentOperations.Email_id;
while(rs.next())
{

System.out.println(rs.getInt(1)+"=
"+rs.getString(2)+"\t"+rs.getString(3)+"\t"+rs.getFloat(4));
```

```
}
while(true)
{
System.out.println("Enter Your choice:");
int ch1=sc.nextInt();
switch(ch1)
{
case 111:
pst=con.prepareStatement("select Stud_id from Student_Registration where
Email_id=?");

pst.setString(1, Email_id);
ResultSet rs1=pst.executeQuery();

while(rs1.next())
{
Stud_id=rs1.getInt(1);
}
int Cid=111;
System.out.println("Pay course fee");
float fees=sc.nextFloat();
pst=con.prepareStatement("insert into EnrollCourse(Stud_id,Cid,fees)
values(?,?,?)");
pst.setInt(1, Stud_id);
pst.setInt(2, Cid);
pst.setFloat(3, fees);
int k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Enroll Successfully........ !!");
}
else
{
System.out.println("Not Enroll");
}
break;

case 222:
pst=con.prepareStatement("select Stud_id from Student_Registration where
Email_id=?");

pst.setString(1, Email_id);
```

```
rs1=pst.executeQuery();

while(rs1.next())
{
Stud_id=rs1.getInt(1);
}
Cid=222;
System.out.println("Pay course fee");
fees=sc.nextFloat();
pst=con.prepareStatement("insert into EnrollCourse(Stud_id,Cid,fees)
values(?,?,?)");
pst.setInt(1, Stud_id);
pst.setInt(2, Cid);
pst.setFloat(3, fees);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Enroll Successfully........ !!");
}
else
{
System.out.println("Not Enroll");
}
break;

case 333:
pst=con.prepareStatement("select Stud_id from Student_Registration where
Email_id=?");

pst.setString(1, Email_id);
rs1=pst.executeQuery();

while(rs1.next())
{
Stud_id=rs1.getInt(1);
}
Cid=333;
System.out.println("Pay course fee");
fees=sc.nextFloat();
pst=con.prepareStatement("insert into EnrollCourse(Stud_id,Cid,fees)
values(?,?,?)");
pst.setInt(1, Stud_id);
pst.setInt(2, Cid);
pst.setFloat(3, fees);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Enroll Successfully........ !!");
}
else
{
System.out.println("Not Enroll");
}
break;


case 444:
pst=con.prepareStatement("select Stud_id from Student_Registration where
Email_id=?");

pst.setString(1, Email_id);
rs1=pst.executeQuery();

while(rs1.next())
{
Stud_id=rs1.getInt(1);
}
Cid=444;
System.out.println("Pay course fee");
fees=sc.nextFloat();
pst=con.prepareStatement("insert into EnrollCourse(Stud_id,Cid,fees)
values(?,?,?)");
pst.setInt(1, Stud_id);
pst.setInt(2, Cid);
pst.setFloat(3, fees);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Enroll Successfully........ !!");
}
else
{
System.out.println("Not Enroll");
}
break;
```

```
case 555:
pst=con.prepareStatement("select Stud_id from Student_Registration where
Email_id=?");

pst.setString(1, Email_id);
rs1=pst.executeQuery();

while(rs1.next())
{
Stud_id=rs1.getInt(1);
}
Cid=555;
System.out.println("Pay course fee");
fees=sc.nextFloat();
pst=con.prepareStatement("insert into EnrollCourse(Stud_id,Cid,fees)
values(?,?,?)");
pst.setInt(1, Stud_id);
pst.setInt(2, Cid);
pst.setFloat(3, fees);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Enroll Successfully........ !!");
}
else
{
System.out.println("Not Enroll");
}
break;


case 666:
pst=con.prepareStatement("select Stud_id from Student_Registration where
Email_id=?");

pst.setString(1, Email_id);
rs1=pst.executeQuery();

while(rs1.next())
{
Stud_id=rs1.getInt(1);
}
```

```
Cid=666;
System.out.println("Pay course fee");
fees=sc.nextFloat();
pst=con.prepareStatement("insert into EnrollCourse(Stud_id,Cid,fees)
values(?,?,?)");
pst.setInt(1, Stud_id);
pst.setInt(2, Cid);
pst.setFloat(3, fees);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Course Enroll Successfully........ !!");
}
else
{
System.out.println("Not Enroll");
}
break;

}
System.out.println();
System.out.println("Want to Enroll Other Courses... Press 'n' for No and Press 'y'
for Yes");
char choice=sc.next().charAt(0);
if(choice=='n')
{
break;
}
}
}



public static void ViewEnrolledCourse() throws Exception
{
PreparedStatement pst;
String  Email_id=StudentOperations.Email_id;
pst=con.prepareStatement("select
Full_Name,Mobile_No,Email_id,course_name,Duration, course_fee from
Student_Registration s,course c,EnrollCourse e where Email_id=? AND
s.Stud_id=e.Stud_id AND c.Cid=e.Cid");
pst.setString(1, Email_id);
ResultSet rs=pst.executeQuery();
```

```
System.out.println("FULL
NAME\tMOBILE_NO\tEMAIL_ID\t\tCOURSE_NAME\tDURATION\tCOUR
SE_FEE");
System.out.println("............................................................................................
...");
while(rs.next())
{
System.out.println(rs.getString("Full_Name")+"\t\t"+rs.getString("Mobile_No")
+"\t"+rs.getString("Email_id")+"\t"+rs.getString("course_name")+"\t\t"+rs.getS
tring("Duration")+"\t"+rs.getFloat("course_fee"));

}
}

public static void ViewProfile() throws Exception
{
con=DatabaseConnection.getConnection();
PreparedStatement pst;
Scanner sc=new Scanner(System.in);
String  Email_id=StudentOperations.Email_id;
pst=con.prepareStatement("select * from Student_Registration where
Email_id=?");
pst.setString(1, Email_id);
ResultSet rs=pst.executeQuery();
System.out.println("ID\tEMAIL_ADDRESS\t\tPASSWORD\tNAME\tMOBIL
E_NUMBER\tAGE\tADDRESS\t\tDATE_OB\t\tGENDER");
System.out.println("............................................................................................
.........................");
while(rs.next())
{
System.out.println(rs.getInt(1)+"\t"+rs.getString(2)+"\t"+rs.getString(3)+"\t"+rs
.getString(4)+"\t"+rs.getString(5)+"\t"+rs.getInt(6)+"\t"+rs.getString(7)+"\t\t"+r
s.getString(8)+"\t"+rs.getString(9));
}
}

public static void UpdateProfile() throws Exception
{
con=DatabaseConnection.getConnection();
//create a statement object
Statement st=con.createStatement();
Scanner sc=new Scanner(System.in);
String Email_id=StudentOperations.Email_id;
```

```
int ch;
PreparedStatement pst;
pst=con.prepareStatement("select * from Student_Registration where
Email_id=?");
pst.setString(1, Email_id);
ResultSet rs=pst.executeQuery();
if(rs.next())
{
while(true)
{
System.out.println("Which Feild do you want to update");
System.out.println();
System.out.println("1  UPDATE  NAME    \n2 UPDATE PASSWORD \n3
UPDATE MOBILE NUMBER \n4 AGE \n5 ADDRESS \n6 DATE_Of_BIRTH
\n7 GENDER");
System.out.println("=====================================");
ch=sc.nextInt();

switch(ch)
{
case 1:
System.out.println("enter the ename");
Full_Name=sc.next();
String str="update Student_Registration set Full_Name=? where Email_id=?";
//System.out.println(str);
pst=con.prepareStatement(str);
pst.setString(1, Full_Name);
pst.setString(2, Email_id);
int k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated ... ");
}
break;

//                                      case 2:
//                                              System.out.println("enter the Email");
//                                              String Email=sc.next();
//                                               str="update Student_Registration set
```

```
Email_id=? where Email_id=?";
//
//                                          // System.out.println(str);
//                                         pst=con.prepareStatement(str);
//                                         pst.setString(1, Email_id);
//                                         pst.setInt(2, _id);
//                                           k=pst.executeUpdate();
//                                           if(k>0)
//                                           {
//                                                   System.out.println("Record
Updated Succesfully");
//                                           }
//                                           else
//                                           {
//                                                   System.out.println("Not
Updated...");
//                                           }
//                                         break;

case 2:
System.out.println("enter the Password");
Password=sc.next();
str="update Student_Registration set Password=? where Email_id=?";
// System.out.println(str);
pst=con.prepareStatement(str);
pst.setString(1, Password);
pst.setString(2, Email_id);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}
break;


case 3:
System.out.println("enter the Mobile number");
Mobile_No=sc.next();
str="update Student_Registration set Mobile_No=? where Email_id=?";
```

```
// System.out.println(str);
pst=con.prepareStatement(str);
pst.setString(1, Mobile_No);
pst.setString(2, Email_id);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}
break;

case 4:
System.out.println("enter the Age");
age=sc.nextInt();
str="update Student_Registration set age=? where Email_id=?";
// System.out.println(str);
pst=con.prepareStatement(str);
pst.setInt(1, age);
pst.setString(2, Email_id);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}
break;

case 5:
System.out.println("enter the Address");
Address=sc.next();
str="update Student_Registration set Address=? where Email_id=?";
// System.out.println(str);
pst=con.prepareStatement(str);
pst.setString(1, Address);
pst.setString(2, Email_id);
k=pst.executeUpdate();
```

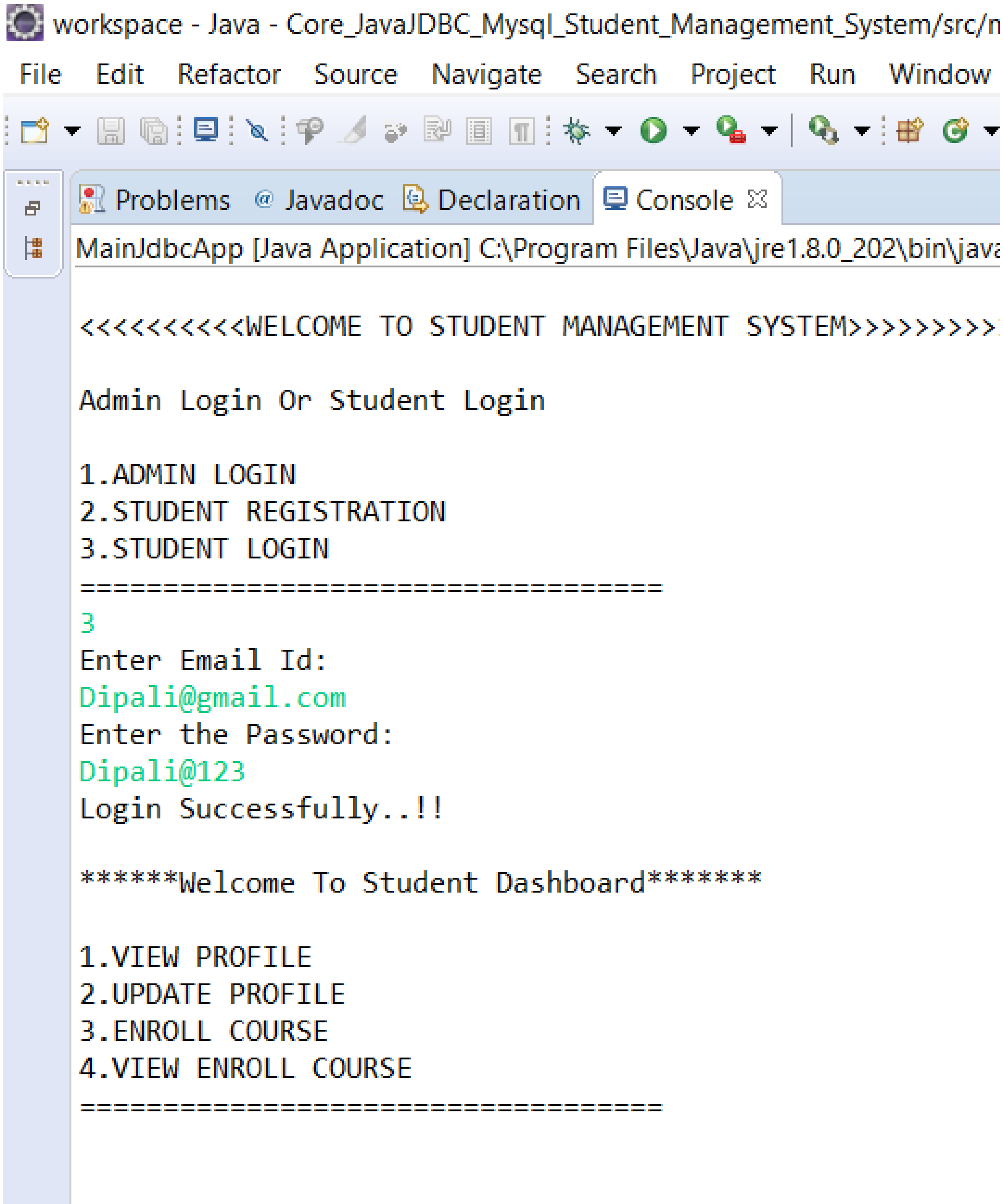
```
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}
break;

case 6:
System.out.println("enter the Date_Of_Birth");
Date_Of_Birth=sc.next();
str="update Student_Registration set Date_Of_Birth=? where Email_id=?";
// System.out.println(str);
pst=con.prepareStatement(str);
pst.setString(1,Date_Of_Birth);
pst.setString(2, Email_id);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
{
System.out.println("Not Updated...");
}
break;

case 7:
System.out.println("enter the Gender");
Gender=sc.next();
str="update Student_Registration set Gender=? where Email_id=?";
// System.out.println(str);
pst=con.prepareStatement(str);
pst.setString(1,Gender);
pst.setString(2, Email_id);
k=pst.executeUpdate();
if(k>0)
{
System.out.println("Record Updated Succesfully");
}
else
```

```
{
System.out.println("Not Updated...");
}
break;
}
System.out.println();
System.out.println("Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No");
char choice=sc.next().charAt(0);
if(choice=='n')
{
break;
}

}

}
else
{
System.out.println("ID Not Present");
}


}


}
```

Output:-

Studnet Login:

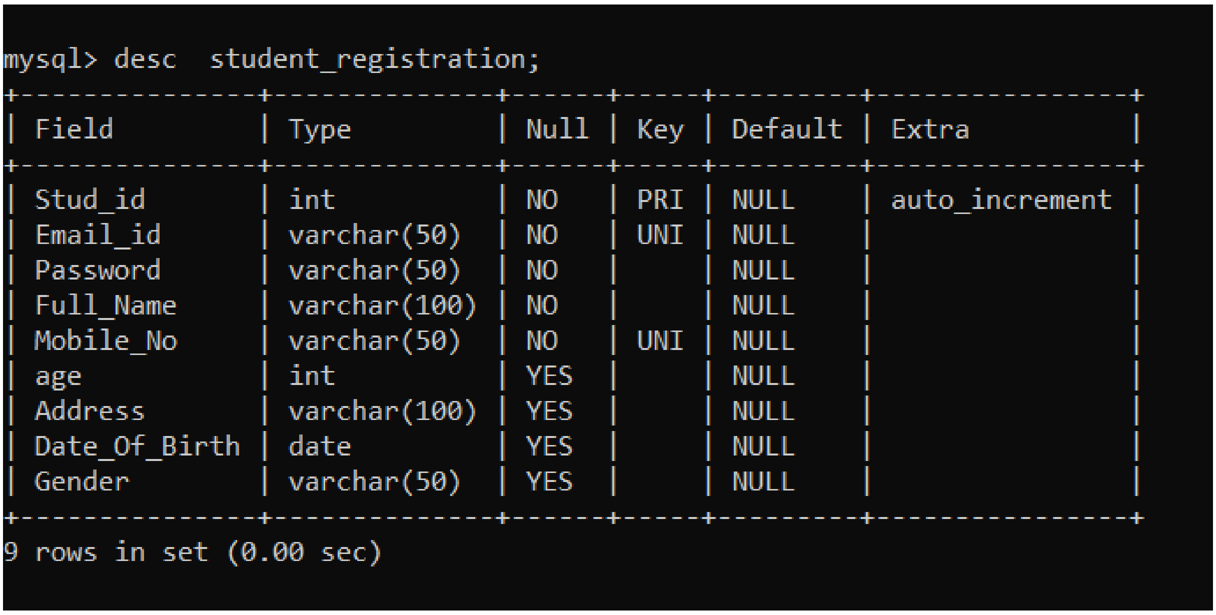
Student first login the system by entering email Id and Password.



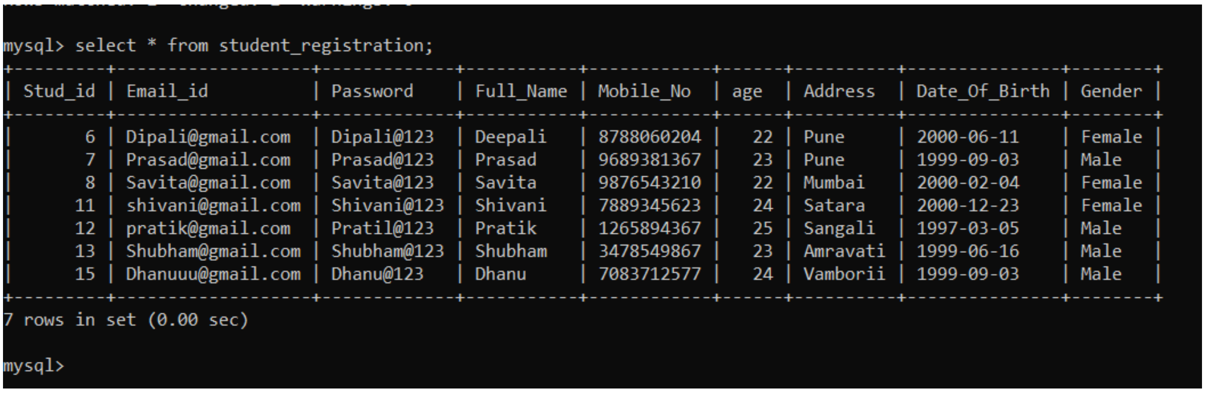
workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/n
File Edit Refactor Source Navigate Search Project Run Window
Problems @ Javadoc Declaration Console

```
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\java

<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
3
Enter Email Id:
Dipali@gmail.com
Enter the Password:
Dipali@123
Login Successfully..!!

******Welcome To Student Dashboard*******

1.VIEW PROFILE
2.UPDATE PROFILE
3.ENROLL COURSE
4.VIEW ENROLL COURSE
===================================
```

Student Registration Table Structure:-



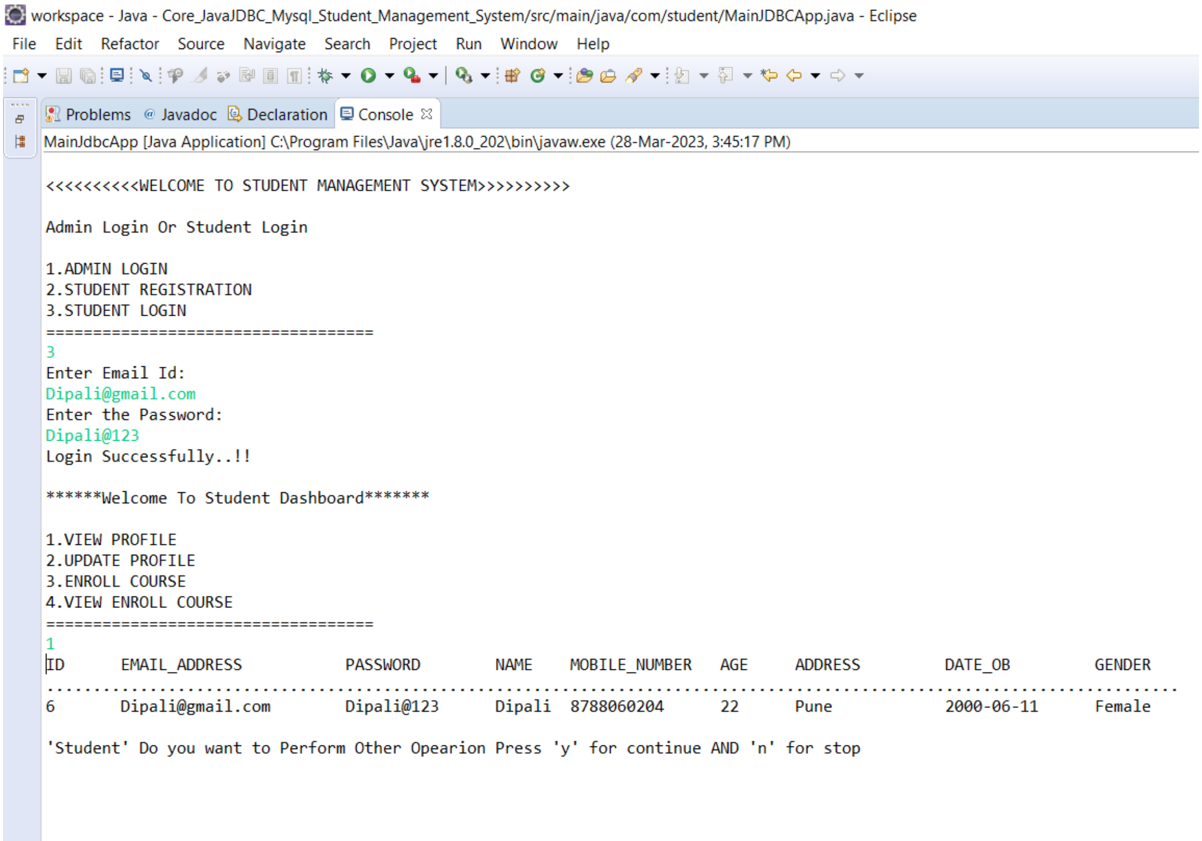
```
mysql> desc  student_registration;
+---------------+--------------+------+-----+---------+----------------+
| Field         | Type         | Null | Key | Default | Extra          |
+---------------+--------------+------+-----+---------+----------------+
| Stud_id       | int          | NO   | PRI | NULL    | auto_increment |
| Email_id      | varchar(50)  | NO   | UNI | NULL    |                |
| Password      | varchar(50)  | NO   |     | NULL    |                |
| Full_Name     | varchar(100) | NO   |     | NULL    |                |
| Mobile_No     | varchar(50)  | NO   | UNI | NULL    |                |
| age           | int          | YES  |     | NULL    |                |
| Address       | varchar(100) | YES  |     | NULL    |                |
| Date_Of_Birth | date         | YES  |     | NULL    |                |
| Gender        | varchar(50)  | YES  |     | NULL    |                |
+---------------+--------------+------+-----+---------+----------------+
9 rows in set (0.00 sec)
```



```
mysql> select * from student_registration;
+---------+-------------------+-------------+-----------+------------+-----+----------+---------------+--------+
| Stud_id | Email_id          | Password    | Full_Name | Mobile_No  | age | Address  | Date_Of_Birth | Gender |
+---------+-------------------+-------------+-----------+------------+-----+----------+---------------+--------+
|       6 | Dipali@gmail.com  | Dipali@123  | Deepali   | 8788060204 |  22 | Pune     | 2000-06-11    | Female |
|       7 | Prasad@gmail.com  | Prasad@123  | Prasad    | 9689381367 |  23 | Pune     | 1999-09-03    | Male   |
|       8 | Savita@gmail.com  | Savita@123  | Savita    | 9876543210 |  22 | Mumbai   | 2000-02-04    | Female |
|      11 | shivani@gmail.com | Shivani@123 | Shivani   | 7889345623 |  24 | Satara   | 2000-12-23    | Female |
|      12 | pratik@gmail.com  | Pratil@123  | Pratik    | 1265894367 |  25 | Sangali  | 1997-03-05    | Male   |
|      13 | Shubham@gmail.com | Shubham@123 | Shubham   | 3478549867 |  23 | Amravati | 1999-06-16    | Male   |
|      15 | Dhanuuu@gmail.com | Dhanu@123   | Dhanu     | 7083712577 |  24 | Vamborii | 1999-09-03    | Male   |
+---------+-------------------+-------------+-----------+------------+-----+----------+---------------+--------+
7 rows in set (0.00 sec)

mysql>
```

Studnet View Profile:

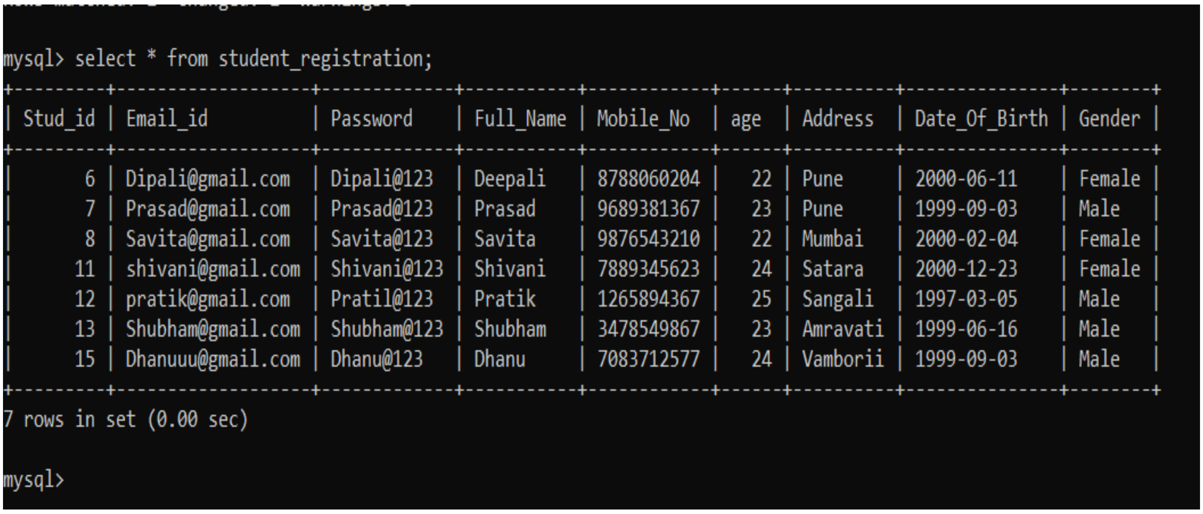
After login Student can view the Profile.


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java - Eclipse
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console

MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 3:45:17 PM)

```
<<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
3
Enter Email Id:
Dipali@gmail.com
Enter the Password:
Dipali@123
Login Successfully..!!

******Welcome To Student Dashboard*******

1.VIEW PROFILE
2.UPDATE PROFILE
3.ENROLL COURSE
4.VIEW ENROLL COURSE
===================================
1
ID      EMAIL_ADDRESS           PASSWORD        NAME    MOBILE_NUMBER   AGE     ADDRESS         DATE_OB         GENDER
.........................................................................................................................
6       Dipali@gmail.com        Dipali@123      Dipali  8788060204      22      Pune            2000-06-11      Female

'Student' Do you want to Perform Other Opearion Press 'y' for continue AND 'n' for stop
```

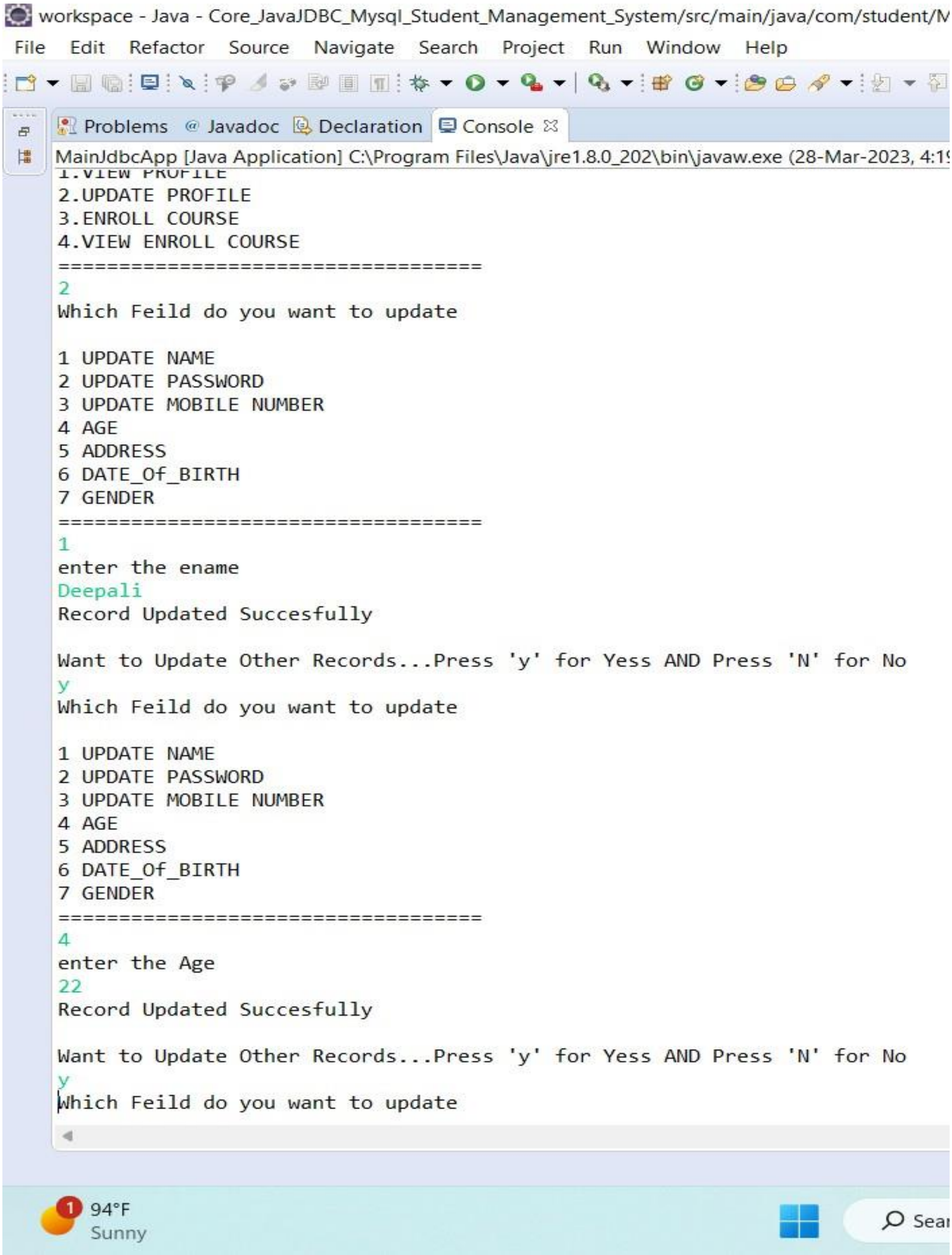
Student Registration table:-



```
mysql> select * from student_registration;
+---------+------------------+------------+-----------+-------------+------+----------+---------------+--------+
| Stud_id | Email_id         | Password   | Full_Name | Mobile_No   | age  | Address  | Date_Of_Birth | Gender |
+---------+------------------+------------+-----------+-------------+------+----------+---------------+--------+
|       6 | Dipali@gmail.com | Dipali@123 | Deepali   | 8788060204  |   22 | Pune     | 2000-06-11    | Female |
|       7 | Prasad@gmail.com | Prasad@123 | Prasad    | 9689381367  |   23 | Pune     | 1999-09-03    | Male   |
|       8 | Savita@gmail.com | Savita@123 | Savita    | 9876543210  |   22 | Mumbai   | 2000-02-04    | Female |
|      11 | shivani@gmail.com | Shivani@123 | Shivani | 7889345623  |   24 | Satara   | 2000-12-23    | Female |
|      12 | pratik@gmail.com | Pratil@123 | Pratik    | 1265894367  |   25 | Sangali  | 1997-03-05    | Male   |
|      13 | Shubham@gmail.com | Shubham@123 | Shubham  | 3478549867  |   23 | Amravati | 1999-06-16    | Male   |
|      15 | Dhanuuu@gmail.com | Dhanu@123  | Dhanu     | 7083712577  |   24 | Vamborii | 1999-09-03    | Male   |
+---------+------------------+------------+-----------+-------------+------+----------+---------------+--------+
7 rows in set (0.00 sec)

mysql>
```

Studnet Update Profile:

After login Student can update profile based on name, address , age password, emailid, mobile no etc.

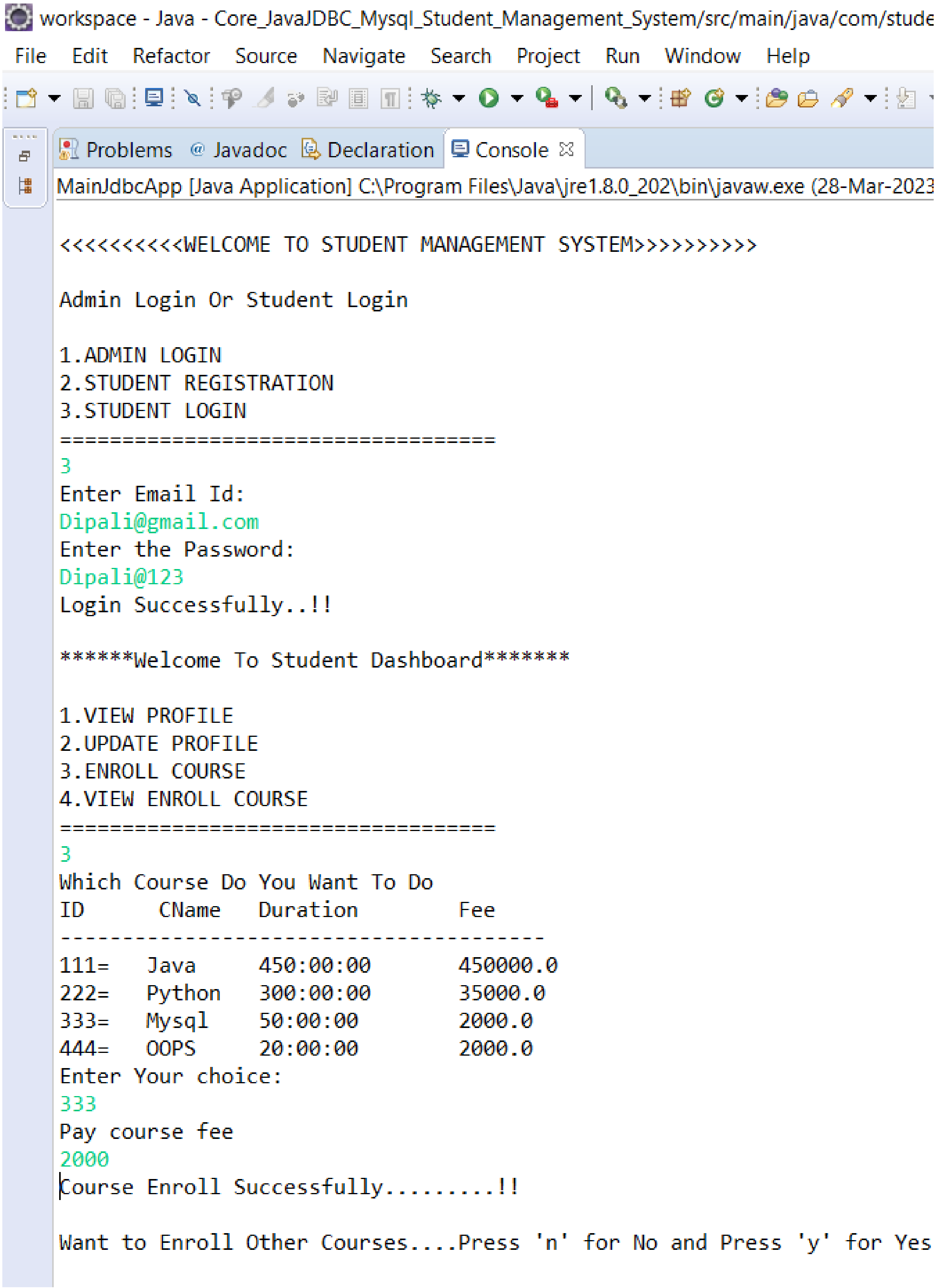


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/M
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 4:1
94°F
Sunny
Sear

```
1.VIEW PROFILE
2.UPDATE PROFILE
3.ENROLL COURSE
4.VIEW ENROLL COURSE
===================================
2
Which Feild do you want to update

1 UPDATE NAME
2 UPDATE PASSWORD
3 UPDATE MOBILE NUMBER
4 AGE
5 ADDRESS
6 DATE_Of_BIRTH
7 GENDER
===================================
1
enter the ename
Deepali
Record Updated Succesfully

Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No
y
Which Feild do you want to update

1 UPDATE NAME
2 UPDATE PASSWORD
3 UPDATE MOBILE NUMBER
4 AGE
5 ADDRESS
6 DATE_Of_BIRTH
7 GENDER
===================================
4
enter the Age
22
Record Updated Succesfully

Want to Update Other Records...Press 'y' for Yess AND Press 'N' for No
y
Which Feild do you want to update
```

Studnet Enroll course:

After login Student can Enroll the course which is added by only Admin.

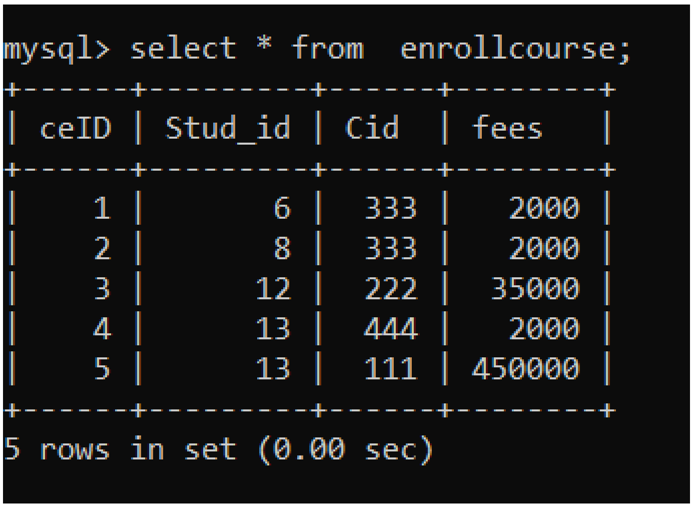


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/stude
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console

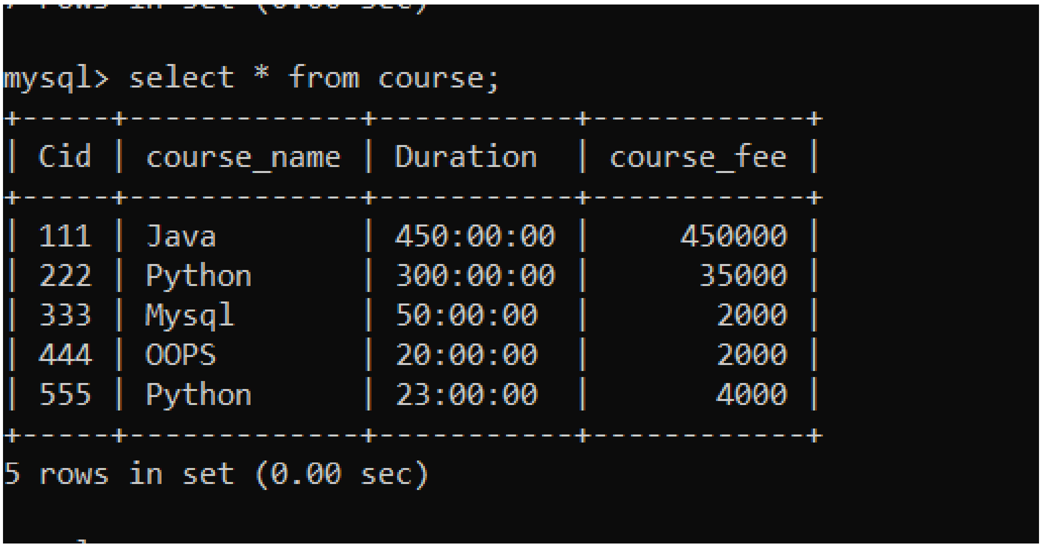
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023

```
<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
3
Enter Email Id:
Dipali@gmail.com
Enter the Password:
Dipali@123
Login Successfully..!!

******Welcome To Student Dashboard*******

1.VIEW PROFILE
2.UPDATE PROFILE
3.ENROLL COURSE
4.VIEW ENROLL COURSE
===================================
3
Which Course Do You Want To Do
ID      CName   Duration        Fee
---------------------------------------
111=   Java     450:00:00       450000.0
222=   Python   300:00:00       35000.0
333=   Mysql    50:00:00        2000.0
444=   OOPS     20:00:00        2000.0
Enter Your choice:
333
Pay course fee
2000
Course Enroll Successfully.........!!

Want to Enroll Other Courses....Press 'n' for No and Press 'y' for Yes
```

Enroll Course table in Mysql:-



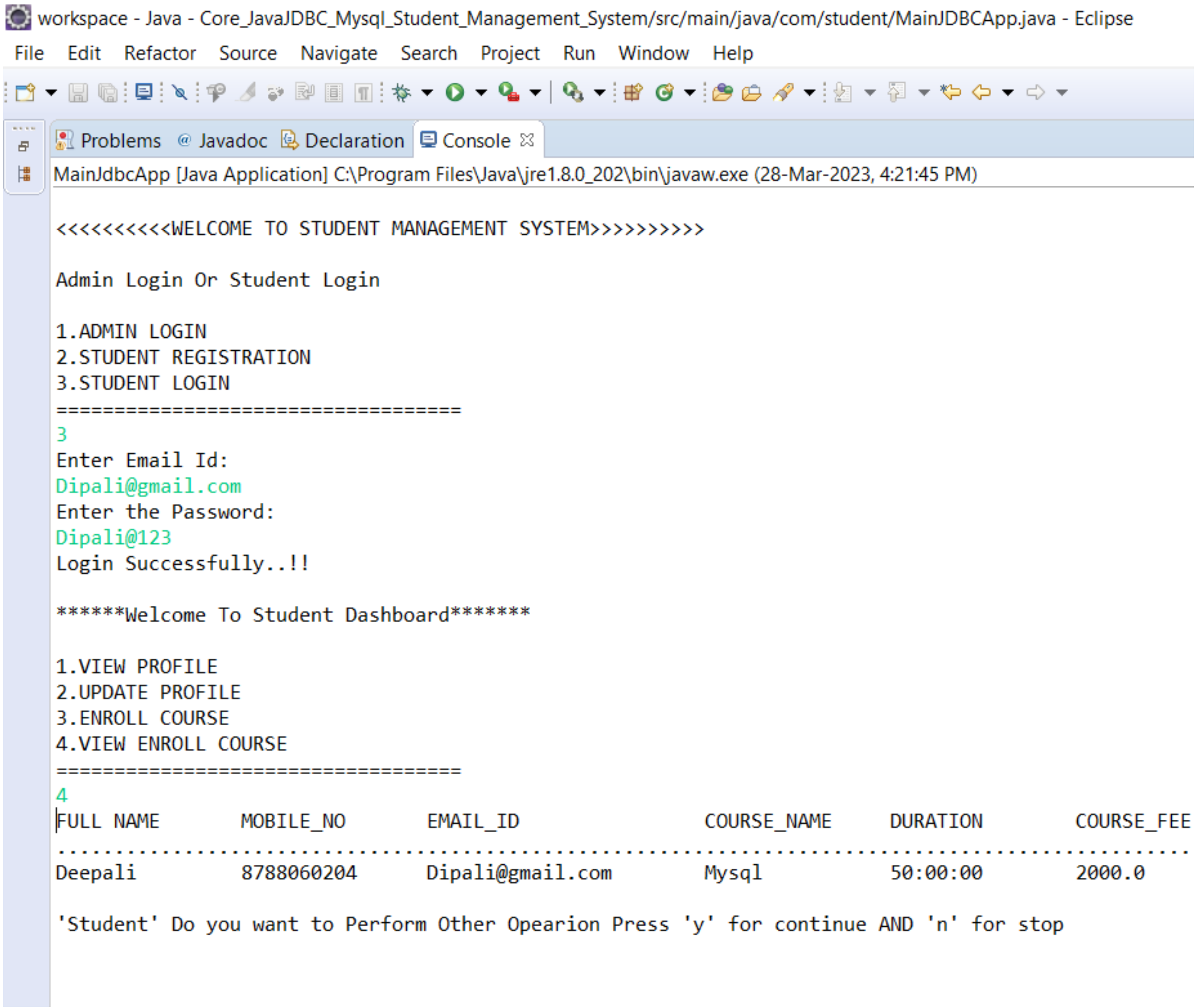
```
mysql> select * from  enrollcourse;
+------+---------+------+--------+
| ceID | Stud_id | Cid  | fees   |
+------+---------+------+--------+
|    1 |       6 |  333 |   2000 |
|    2 |       8 |  333 |   2000 |
|    3 |      12 |  222 |  35000 |
|    4 |      13 |  444 |   2000 |
|    5 |      13 |  111 | 450000 |
+------+---------+------+--------+
5 rows in set (0.00 sec)
```



```
mysql> select * from course;
+-----+-------------+-----------+------------+
| Cid | course_name | Duration  | course_fee |
+-----+-------------+-----------+------------+
| 111 | Java        | 450:00:00 |     450000 |
| 222 | Python      | 300:00:00 |      35000 |
| 333 | Mysql       | 50:00:00  |       2000 |
| 444 | OOPS        | 20:00:00  |       2000 |
| 555 | Python      | 23:00:00  |       4000 |
+-----+-------------+-----------+------------+
5 rows in set (0.00 sec)
```

Studnet view Enroll course:

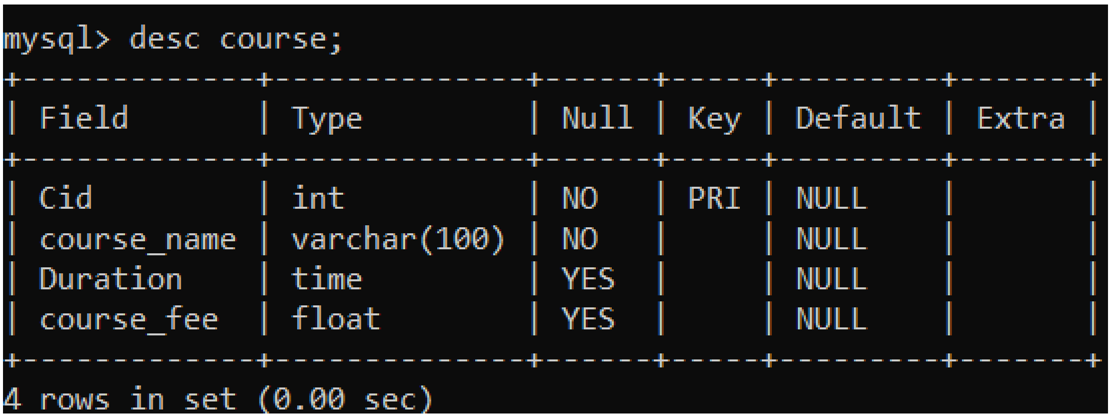
After login Student can Enroll the course which is added by only Admin. And can view the enroll course.


workspace - Java - Core_JavaJDBC_Mysql_Student_Management_System/src/main/java/com/student/MainJDBCApp.java - Eclipse
File Edit Refactor Source Navigate Search Project Run Window Help
Problems
Javadoc
Declaration
Console

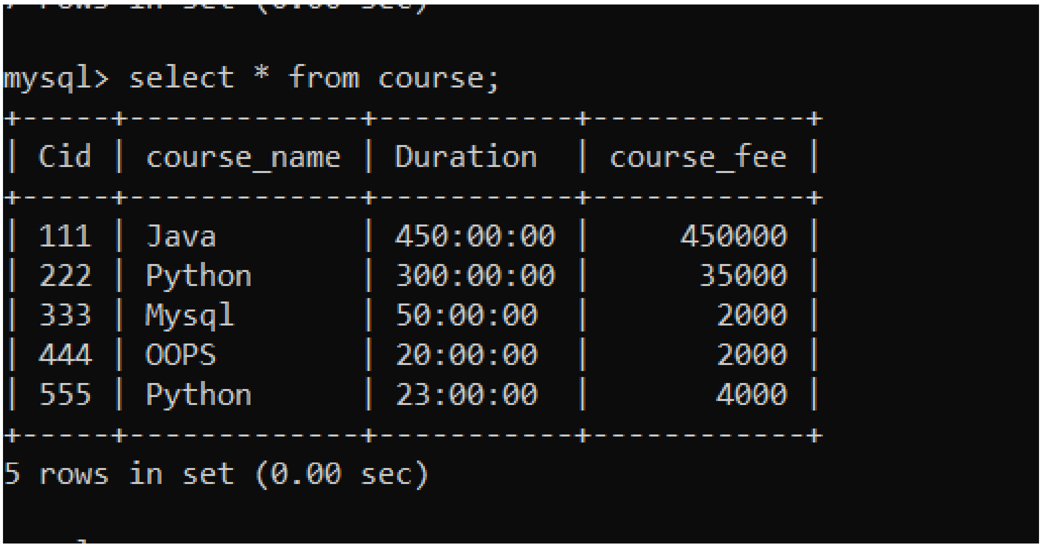
MainJdbcApp [Java Application] C:\Program Files\Java\jre1.8.0_202\bin\javaw.exe (28-Mar-2023, 4:21:45 PM)

```
<<<<<<<<<WELCOME TO STUDENT MANAGEMENT SYSTEM>>>>>>>>>>

Admin Login Or Student Login

1.ADMIN LOGIN
2.STUDENT REGISTRATION
3.STUDENT LOGIN
===================================
3
Enter Email Id:
Dipali@gmail.com
Enter the Password:
Dipali@123
Login Successfully..!!

******Welcome To Student Dashboard*******

1.VIEW PROFILE
2.UPDATE PROFILE
3.ENROLL COURSE
4.VIEW ENROLL COURSE
===================================
4
FULL NAME       MOBILE_NO       EMAIL_ID                COURSE_NAME     DURATION        COURSE_FEE
..................................................................................................
Deepali         8788060204      Dipali@gmail.com        Mysql           50:00:00        2000.0

'Student' Do you want to Perform Other Opearion Press 'y' for continue AND 'n' for stop
```

Course Table In Mysql:-



```
mysql> desc course;
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| Cid         | int          | NO   | PRI | NULL    |       |
| course_name | varchar(100) | NO   |     | NULL    |       |
| Duration    | time         | YES  |     | NULL    |       |
| course_fee  | float        | YES  |     | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
4 rows in set (0.00 sec)
```



```
mysql> select * from course;
+-----+-------------+-----------+------------+
| Cid | course_name | Duration  | course_fee |
+-----+-------------+-----------+------------+
| 111 | Java        | 450:00:00 |     450000 |
| 222 | Python      | 300:00:00 |      35000 |
| 333 | Mysql       | 50:00:00  |       2000 |
| 444 | OOPS        | 20:00:00  |       2000 |
| 555 | Python      | 23:00:00  |       4000 |
+-----+-------------+-----------+------------+
5 rows in set (0.00 sec)
```

CONCLUSION:-

- ✓ Using the java code and database computerized Student management system is performed.
- ✓ Every information’s are stored in the database with help of this admin and Student can perform all the operations.
- ✓ course is successfully Enroll By the Students without any interruptions.