SWITCH:-

package collegedemo;

import java.sql.\*;

import java.util.\*;

public class databaseconnect {

public static void main(String[] args) {

try {

Class.forName("com.mysql.cj.jdbc.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost/collegedemos1","root","Suvarna@2004");

Statement stm=con.createStatement();

Scanner sc = new Scanner(System.in);

int choice;

do {

System.out.println("\n--- MENU ---");

System.out.println("1. Insert student record");

System.out.println("2. Delete student record");

System.out.println("3. Exit");

System.out.print("Enter your choice: ");

choice = sc.nextInt();

switch (choice) {

case 1:

System.out.print("Enter roll number: ");

int r = sc.nextInt();

sc.nextLine(); // consume newline

System.out.print("Enter name: ");

String nm = sc.nextLine();

System.out.print("Enter address: ");

String addr = sc.nextLine();

String insertQuery = "INSERT INTO stud VALUES(" + r + ", '" + nm + "', '" + addr + "')";

stm.executeUpdate(insertQuery);

System.out.println(" Record inserted successfully.");

break;

case 2:

System.out.print("Enter roll number to delete: ");

int rollToDelete = sc.nextInt();

String deleteQuery = "DELETE FROM stud WHERE rollno =rollToDelete;

int rowsAffected = stm.executeUpdate(deleteQuery);

if (rowsAffected > 0) {

System.out.println("Record deleted successfully.");

} else {

System.out.println(" No record found with that roll number.");

}

break;

case 3:

System.out.println(" Exiting program...");

break;

default:

System.out.println(" Invalid choice. Please try again.");

}

} while (choice != 3);

con.close();

sc.close();

//Scanner sc=new Scanner(System.in)

//String str="create database collegedemos1";

//String str="create table stud(rollno int, name varchar(20),address varchar(20))";

//stm.executeUpdate(str);

//System.out.println("database created");

//System.out.println("table created");

}

catch(Exception e) {

System.out.println(e);

}

}

}

Execution

--- MENU ---

1. Insert student record

2. Delete student record

3. Exit

Enter your choice: 1

Enter roll number: 101

Enter name: Virat

Enter address: Pune

Record inserted successfully.

--- MENU ---

1. Insert student record

2. Delete student record

3. Exit

Enter your choice: 1

Enter roll number: 102

Enter name: Anushka

Enter address: pune

Record inserted successfully.

--- MENU ---

1. Insert student record

2. Delete student record

3. Exit

Enter your choice: 1

Enter roll number: 103

Enter name: Akkay

Enter address: Pune

Record inserted successfully.

--- MENU ---

1. Insert student record

2. Delete student record

3. Exit

Enter your choice: 2

Enter roll number to delete: 103

Record deleted successfully.

--- MENU ---

1. Insert student record

2. Delete student record

3. Exit

Enter your choice: 3

Exiting program...