```java
package DB;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;

public class CreateTable {
  static final String DB_URL = "jdbc:mysql://localhost/jdbc";
  static final String USER = "root";
  static final String PASS = "";

  public static void main(String[] args) {
    // Open a connection
    try(Connection conn = DriverManager.getConnection(DB_URL, USER, PASS);
      Statement stmt = conn.createStatement();
    ) {
       String sql = "Create table student("
                 + "EnrollmentNo int(12) NOT NULL, "
                 + "PRIMARY KEY(EnrollmentNo), "
                 + "FirstName varchar(20) NOT NULL, "
                 + "LastName varchar(20) NOT NULL, "
                 + "Semester int(2) DEFAULT '5', "
                 + "ContactNo int(10) )";

      stmt.executeUpdate(sql);
      System.out.println("Created table in given database...");
    } catch (SQLException e) {
      e.printStackTrace();
    }
  }
}




package DB;

import java.sql.*;
import java.util.*;

public class InsertValues {
        static final String DB_URL = "jdbc:mysql://localhost/jdbc";
        static final String Username = "root";
        static final String password = "";

        public static void main(String[] args) {

                // Establish connection
                try(Connection conn = DriverManager.getConnection(DB_URL, Username,
password);
                               Statement stmt = conn.createStatement();
```

```java
            ) {
                    System.out.println("Inserting values in table...\n no of value you want to
insert.");

                    int no = setInt();
                    String sql ;
                    String enroll;
                    String firstName;
                    String lastName;
                    int sem;
                    String contact;
                    sql = "insert into student(EnrollmentNo, FirstName, LastName, Semester,
ContactNo) values(?,?,?,?,?)";
                    PreparedStatement pstmt = conn.prepareStatement(sql);
                    for(int i = 0 ; i < no ; i++) {

                            System.out.println("Enter enrollment no=");
                            enroll = setString();
                            pstmt.setString(1, enroll);

                            System.out.println("Enter First Name =");
                            firstName = setString();
                            pstmt.setString(2, firstName);

                            System.out.println("Enter Last Name=");
                            lastName = setString();
                            pstmt.setString(3, lastName);

                            System.out.println("Enter Sem =");
                            sem = setInt();
                            pstmt.setInt(4, sem);

                            System.out.println("Enter Contact No =");
                            contact = setString();
                            pstmt.setString(5, contact);

                            pstmt.executeUpdate();
                            System.out.println("Inserted records into the table...");
                    }

            }
                    catch (SQLException e) {
                  e.printStackTrace();
                }

            }
      public static String setString(){
              Scanner sc = new Scanner(System.in);
              String str = sc.nextLine();
              return str;
      }

      public static int setInt(){
```

```java
                Scanner sc = new Scanner(System.in);
                int n = sc.nextInt();
                return n;
        }

        }




package DB;
import java.sql.*;
public class UpdateTable {

        public static void main(String[] args) {
                try {
                        Class.forName("com.mysql.cj.jdbc.Driver");
                        Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/jdbc", "root" ,"");
                        String sql = "alter table student modify column EnrollmentNo
varchar(20);";
                        Statement stmt = conn.createStatement();
                        int i = stmt.executeUpdate(sql);
                        System.out.println("Updated Values :" +i);
                        stmt.close();
                        conn.close();
                        }
                        catch(Exception e) {
                                System.out.println(e);
                        }
                }

}




package DB;
import java.sql.*;
public class UpdateRow {

        public static void main(String[] args) {
                try {
                        Class.forName("com.mysql.cj.jdbc.Driver");
                        Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/jdbc", "root" ,"");
                        String sql = "update student set ContactNo='1234567890' where
FirstName='Raj';";
                        Statement stmt = conn.createStatement();
                        int i = stmt.executeUpdate(sql);
                        System.out.println("Updated Values :" +i);
                        stmt.close();
                        conn.close();
                        }
                        catch(Exception e) {
                                System.out.println(e);
                        }

        }
```

```
}
```

				EnrollmentNo	FirstName	LastName	Semester	ContactNo
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107001	Deep	Akhbari	6	1234564321
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107002	Raj	Chandu	5	1234567890
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107003	Ajay	Rajbhar	6	1357986420
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107004	Sid	Praj	6	1234598765

```java
package DB;
import java.sql.*;

public class DeleteValues {

    public static void main(String[] args) {
        try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/jdbc", "root" ,"");
        String sql = "delete from student where FirstName = 'Sid';";
        Statement stmt = conn.createStatement();
        int i = stmt.executeUpdate(sql);
        System.out.println("Deleted Values :" +i);
        stmt.close();
        conn.close();
        }
        catch(Exception e) {
            System.out.println(e);
        }

    }

}
```

				EnrollmentNo	FirstName	LastName	Semester	ContactNo
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107001	Deep	Akhbari	6	1234564321
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107002	Raj	Chandu	5	1234567890
☐	🖉 Edit	⚏ Copy	⊖ Delete	200470107003	Ajay	Rajbhar	6	1357986420