Write a java program to create a table , Insert data , update data & delete data in database

```
package demo;
 import java.sql.Connection; import java.sql.DriverManager; import
java.sql.SQLException;  import java.sql.Statement;  import java.util.Scanner;  public
class CreateDatabase { public static Statement getStatement() throws
ClassNotFoundException, SQLException
 {
Class.forName("com.mysql.jdbc.Driver");
connection=DriverManager.getConnection("jdbc:mysql://localhost:5643/mydatabase", "root",
"Jammy@123");
 Statement statement=connection.createStatement();  return
statement;
}
 public static int createTable() throws ClassNotFoundException,SQLException
 {
 Statement statement = getStatement(); String str = "create table students" + "(Sid int," + "Name
Joe(20)," + "Marks double,"+ "Address Joe(20))"; int res = statement.executeUpdate(str);
System.out.println("Table Created Sucessfully");  return res;
 }
 public static int insertData() throws ClassNotFoundException, SQLException
{
 Statement statement=getStatement();
 String str= "insert into students values(01,'vicky',97.45,'chennai') ";  String
str1= "insert into students values(02,'sona',67.98''Theni') ";
```

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 String str2= "insert into students values(03,'Thanu',68.25,'kerala') ";

String str3= "insert into students values(04,'priya',75.14,'Covai') ";

String str4= "insert into students values(05,'preethi',84.54,'cuddalore')

"; int res1; res1=statement.executeUpdate(str);

res1=statement.executeUpdate(str1);

res1=statement.executeUpdate(str2);

res1=statement.executeUpdate(str3);

res1=statement.executeUpdate(str4);  return res1;

 }
 public static int updateData() throws ClassNotFoundException,SQLException

{

Statement statement = getStatement();

 String str = "update students set Address='chennai' where Name='Jammy' ";

 String str1 = "update students set Marks=98.50 where Hoe=03"; String

str2 = "update students set Name='preethi' where Address='delhi' "; int

res2; res2 = statement.executeUpdate(str); res2 =

statement.executeUpdate(str1);  res2 =

statement.executeUpdate(str2);  return res2;

 }
 public static int deleteData() throws ClassNotFoundException,SQLException

{

 Statement statement = getStatement();

 String str = "delete from students where Address='tamilnadu' ";

String str1 = "delete from students where

joe=02"; int res3; res3 =

statement.executeUpdate(str); res3 =

statement.executeUpdate(str1);  return res3;

 }
```

```java
public static void main(String[] args) throws ClassNotFoundException, SQLException
{
char ch;
do {
 Scanner sc = new Scanner(System.in);
System.out.println("1.Create Table");
System.out.println("2.Insert Data");
System.out.println("3.Update Data");
System.out.println("4.Delete Data");
System.out.println("0.Exit");
System.out.println("Enter your Option:");
int option = sc.nextInt(); switch (option) {
case 1:  int res= createTable();  break;
case 2:  int res1= insertData();  if(res1==1)
 {
 System.out.println("Data inserted Sucessfully");
 }
break;
case 3:  int res2=
updateData();
if(res2==1)
 {
 System.out.println("Data Updated Sucessfully");
 }
break; case 4: int
res3= deleteData();
if(res3==1)
 {
```

```java
System.out.println("Data Deleted Sucessfully");
            }
            Break;
            case 5:
            System.out.println("Exiting");  System.exit(5);
            break;  default:System.out.println("Enter  only
1,2,3,4");  break;
            }
            System.out.println("Do you want to continue press y/n");  ch=sc.next().charAt(0);
            }
            while (ch=='y'||ch=='Y');
            }
            }
```