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ASSIGNMENT - 4

JAVA PROGRAMMING.

CSA0985

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ASSIGNMENT-4

SQL CONNECTOR (JDBC).

```
Import java.sql.Connection;
Import java.sql.DriverManager;
Import java.sql.SQLException;
Import java.sql.Statement;
Import java.sql.*;

public class Main {
    public static void main (String [] args) {
        try {
            Class.forName("com.mysql.jdbc.JdbcDriver");
            String Url = "jdbc:mysql://localhost:3306/testdb";
            String User = "root"; // Default
            String password = "";
            Connection con = DriverManager.getConnection(Url, User, password);
            Statement stmt = con.createStatement();
            String Sql = "Create table student (SNo int, SName varchar(20));";
            String Sql = "Insert into student values (33333);";
        }
    }
}
```

```
System.out.println("Student details are");
System.out.println("Database created
successfully...");

String sql = "Select * from student";
ResultSet student = null;
Statement stmt = connection.createStatement();
System.out.println("Student details are");
while (student.next()) {
    int sno = student.getInt("sNo");
    String sname = student.getString("sName");
    System.out.println("Sno: "+sno + " " + sname);
}
stmt.close();
connection.close();
}

catch {
    ((ClassCastException) | SQLException) e {
        e.printStackTrace();
    }
}
```

## SQL Connector with Scanner function.

```
Import java.sql.Connection;
Import java.sql.DriverManager;
Import java.sql.SQLException;
Import java.sql.Statement;
Import java.sql.*;
Import java.util.Scanner;

public class main{
    public static void main(String[] args){
        Scanner scanner = new Scanner
            (System.in);
        try {
            Class.forName("com.mysql.jdbc.Driver");
            String Url = "jdbc:mysql";
            String User = "root";
            String password = "";
            Connection con = DriverManager.get
                Connection
                (url, user,
                password);
            Statement stmt = con.createStatement();
        }
    }
}
```

```
String deleteAllSQL = "Delete from Student";
```

```
stmt.executeUpdate(deleteAllSQL);
```

```
System.out.println("All records deleted  
from Student table");
```

```
stmt.close();
```

```
con.close();
```

```
}
```

```
catch (Class not found Exception /
```

```
SQLEception e)
```

```
e.printStackTrace();
```

```
finally {
```

```
Scanner.close();
```

```
}
```

```
}
```

```
}
```