JDBC🡪Java Database Connectivity

1. JDBC is an API that is used to connect frontend with backend(Database) in Java.
2. We use the java.sql.\* package to use JDBC.
3. There are three steps that must be completed for JDBC connection.
   * **Load Class Driver**
   * **Create the connection**
   * **Execute the query with statement object.**

*Class.forName(String driver);*

*Connection con=*

*DriverManager.get.Connection(String url,String user ,String password);*

*Statement st=con.createStatement();*

*driver (MySQL)=com.mysql.jdbc.Driver*

*user=root*

*pass=””*

*url=jdbc:mysql://localhost.3306/DBName*

1. There Are Three Types Of Statement In java
2. **Statement**-Every time compile the query whenever the page is loaded.
3. **Prepared Statement**-It is used for pre compiled query.
4. **Callable Statement**-Used for stored procedure.

AWT And Swing

* AWT and Swing both are used for GUI application.
  + Event and action- Event is the subpackage of awt
* AWT & Swing
  + Java.awt
  + java.awt.event
  + javax.swing