# Java UI’s

* Normal UI –Placing swing controls from palette
* Show message on button click : btn->action Performed
* Input text from input box: getText();
* Change text/value on button click
* Generate UI in center with title
* System login

**Connection Mysql Database**

MysqlConnect.java

public class MySqlConnect{

public static Connection conn;

public static Connection connectDbl();{

try{

Class.forName(“com.mysql.jdbc.Driver”);

conn =DriverManager.getConnection(jdbc:mysql://localhost:3306/java\_db ”,” root ”,” ” ”);

sout(“database connected”);

return conn;

}

catch(Expection e){

sout(“error on database connection:”+e);

JOP.smd(null,”Error on database connection”);

System.exit(0)

}

return null;

}

}

**Connection in SQliteConnect**

SQLiteConnect.java

public class SQLiteConnect {

public static Connection conn;

public static Connection connectDbl();{

try{

Class.forName(“org.sqlite.JDBC”);

conn =DriverManager.getConnection(“jdbc :sqlite:java.sqlite”);

sout(“database connected”);

return conn;

}

catch(Expection e){

sout(“error on database connection:”+e);

JOP.smd(null,”Error on database connection”);

System.exit(0)

}

Return null;

}}

**System login using DB**

//prop

Connnection conn=null;

PreparedStataement pst=null;

result rs=Null;

//btn login

try{

String u=txtUsername.getText();

char [] pass=txtPass.getPassword();

String p=new String(pass);

String sql=SELECT \*FROM user WHERE username=’’ AND password=MD5(‘’);

MySQLConnect.connectDb();

Pst=conn.prepareStatement(sql);

Rs=pst.executeQuery(sql);

if(rs.next()){

rs.close();conn.close();

Home h=new Home();

h.setVisible(true);

this.dispose();

}

Else{

JOP.smd(null,”invalid username and password”);

}

}

Catch(exception e ){

Sout(e);

}