Swing

Swing:-

* Java provides a rich set of libraries to create Graphical User Interface.
* Swing API is set of extensible GUI components to each developer’s life to create JAVA based Front End/GUI Applications.
* It is build upon top of AWT API and acts as replacement of AWT API as it has almost every control corresponding to AWT controls.
* Swing is a light weight, offers rich controls and highly customizable.
* To use Swing API, import javax.swing.\*;

Swing UI elements:-

* JFrame
* JButton
* JLabel
* JCheckBox
* JRadioButton
* JList
* JComboBox
* JTextField
* JPasswordField
* JOptionPane
* Many more…….

Technique to Creates API using swing:-

1st Technique:-

Import javax.swing.\*;

public class Test

{

public static void main(String arg[])

{

JFrame jf=new JFrame(“Example”); //here Example is Title

Jf.setSize(300,300);

Jf.setVisible(true);

Jf.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

2nd:-

import javax.swing.\*;

public class Test extends JFrame

{

public Test()

{ }

public Test(String args)

{

super(s);

}

public static void main(String args[])

{

Test jf=new Test(“Example”);

jf.setSize(300,300);

jf.setVisible(true);

jf.SetDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}