

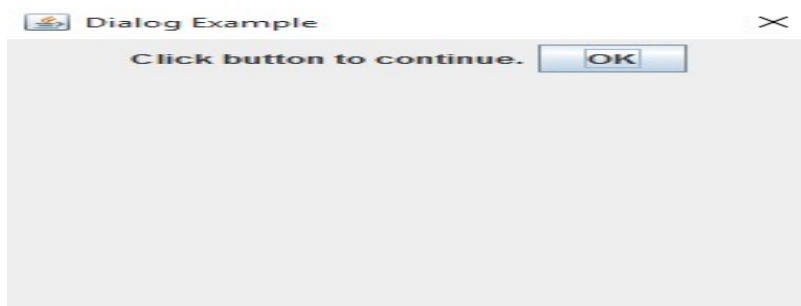
**Course Name: A Level (2nd Sem)**  
**Topic: Swing(Part 3)**

**Subject: JAVA**  
**Date: 19-06-20**

## **9)JDialog**

It used to take some form of input from the user or it used to show “ok” or cancel button. Dialog class works as a general-purpose dialog which is used as a base to have multiple lightweight components. Dialog does not hold minimize and maximize buttons at the top right corner of the window.

```
public class DialogEx {
private static JDialog d;
DialogEx() {
JFrame f= new JFrame();
d = new JDialog(f, "Dialog Example", true);
d.setLayout( new FlowLayout() );
JButton b = new JButton ("OK");
b.addActionListener(new ActionListener()
{
public void actionPerformed((ActionEvent e)
{
DialogEx.d.setVisible(false);
}
});
d.add( new JLabel ("Click button to continue."));
d.add(b);
d.setSize(300,300);
d.setVisible(true);
}
public static void main(String args[])
{
new DialogEx();
}
}
```

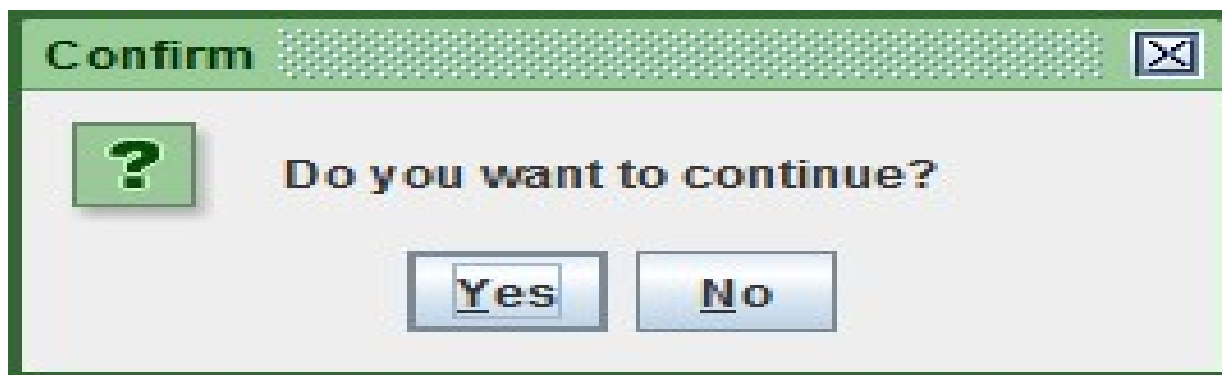


## **10)prompt user confirmation**

To create a confirmation dialog box in Java, we use the Java Swing `JOptionPane.showConfirmDialog()` method, which allows you to create a dialog box that asks for confirmation from the user. For example while filling a form or clicking a button it asks for confirmation whether you want to continue or cancel.

```
import javax.swing.*;

public class JP
{
public static void main(String[] args)
{
JDialog.setDefaultLookAndFeelDecorated(true);
int response = JOptionPane.showConfirmDialog(null, "Do you want to
continue?","Confirm",
JOptionPane.YES_NO_OPTION, JOptionPane.QUESTION_MESSAGE);
if (response == JOptionPane.NO_OPTION)
{
System.out.println("No button clicked");
}
else if (response == JOptionPane.YES_OPTION)
{
System.out.println("Yes button clicked");
}
else if (response == JOptionPane.CLOSED_OPTION)
{
System.out.println("JOptionPane closed");
}
}
}
}
```



## 12)Confirm Pop-Ups

```
import javax.swing.JFrame;
import javax.swing.JOptionPane;

public class CPOP {
public static void main(String[] a) {
JFrame frame = new JFrame();
int result = JOptionPane.showConfirmDialog(frame, "DO YOU WANT TO
Continue?");
System.out.println(JOptionPane.CANCEL_OPTION == result);
}
}
```

## 13)change TitleBar

```
class Ic {
Ic(){
JFrame f=new JFrame();
Image icon = Toolkit.getDefaultToolkit().getImage("D:\\a.jpg");
f.setIconImage(icon);
f.setLayout(null);
f.setSize(300,300);
f.setVisible(true);
}
public static void main(String args[]){
new Ic();
}
}
```



## 14)Displaying image in swing

```
public class Gr extends Canvas
{
public void paint(Graphics g)
{
Toolkit t=Toolkit.getDefaultToolkit();
Image i=t.getImage("D:\\a.jpg");
g.drawImage(i, 120,100,this);
}
public static void main(String[] args)
{
Gr m=new Gr();
JFrame f=new JFrame();
f.add(m);
f.setSize(400,400);
f.setVisible(true);
}
}
```

