User Input in Java

JOPtionPane

The JOptionPane class is used to provide standard dialog boxes such as message dialog box, confirm dialog box and input dialog box.

These dialog boxes are used to display information or get input from the user.

The JOptionPane class inherits JComponent class.

JOptionPane class declaration

```java
import javax.swing.JOptionPane;



public class JavaFile {
        public static void main(String[] args){


        }

}
```

Java JOptionPane Example: showMessageDialog()

```java
import javax.swing.JOptionPane;

public class OptionPaneExample {
 public static void main(String[] args) {
      // Show a simple message dialog
      JOptionPane.showMessageDialog(null, "Hello, world!");
 }
}
```

Java JOptionPane Example: showInputDialog()

```java
import javax.swing.JOptionPane;

public class OptionPaneExample {
 public static void main(String[] args) {
     // Show a dialog to get user input
     String name = JOptionPane.showInputDialog("Enter your name:");

      System.out.print("Hello : " + name);
 }
}
```

Java JOptionPane Example: showInputDialog()

```java
import javax.swing.JOptionPane;

Import java.lang;

public class OptionPaneExample {
  public static void main(String[] args) {
   String input = JOptionPane.showInputDialog("Enter an integer:");
   int number = Integer.parseInt(input);
   JOptionPane.showMessageDialog(null, "You entered: " + number);
  }

}
```