

Java Input Dialogs

JOptionPane *Library*

- show Message Dialog
- show Input Dialog

```
import javax.swing.JOptionPane;
public class InputExample {
    public static void main(String[] args) {
        String ans;
        ans = JOptionPane.showInputDialog( null,
            "What do you want to say?");
        JOptionPane.showMessageDialog( null,
            ans);
    }
}
```

```
/**
 * Input Example program using JOptionPane
 *
 * @John Stewart
 * @version 1.00 10/02/18
 */
import javax.swing.JOptionPane;

public class InputExample {

    public static void main(String[] args) {
        String ans;
        ans = JOptionPane.showInputDialog(null,
            "What do you want to say?");

        JOptionPane.showMessageDialog(null, ans);

    }
}
```

```
import javax.swing.JOptionPane;  
  
public class InputExample2 {  
  
    public static void main(String[] args) {  
        String ans;  
        ans = JOptionPane.showInputDialog(null,  
            "Enter a number to be squared");  
        double numberToBeSquared = Double.parseDouble(ans);  
  
        double squaredNumber;  
  
        squaredNumber = numberToBeSquared * numberToBeSquared;  
  
        JOptionPane.showMessageDialog(null, ans + " squared is " +squaredNumber);  
  
    }  
}
```

- B
- 1 parenthesis
 - 2 unary operators $+$, $-$
 - 3 type casting
 - 4 Binary $*$, $/$
 - 5 Binary $+$, $-$

```
if ( boolean ) {
```

```
              ;  
              ;
```

```
}
```

```
else {
```

```
              ;  
              ;
```

```
}
```

