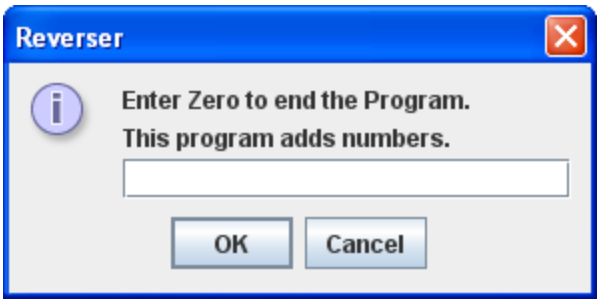
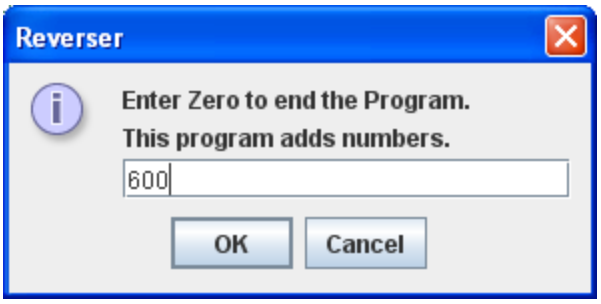
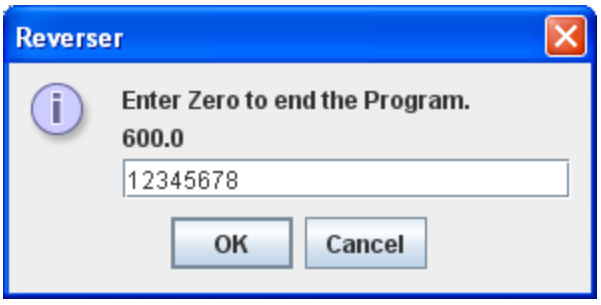
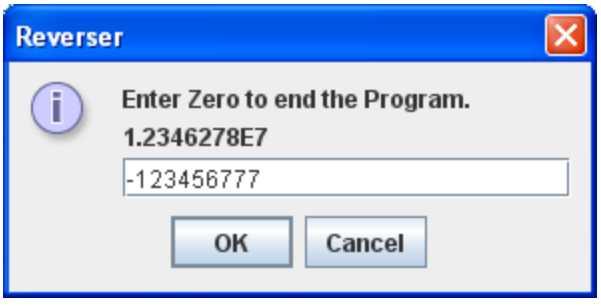
Code

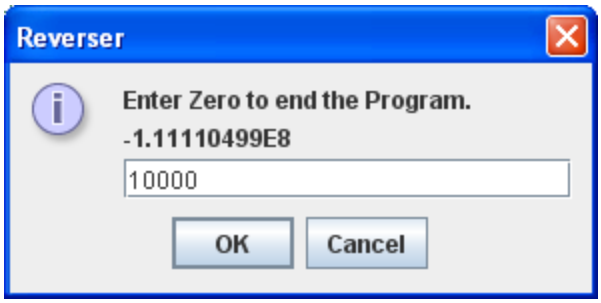
```
import javax.swing.JOptionPane;
/**
 * @author: adam_j_schachte
 * 1st and 2nd Period
 * @date: 10/28/11
 * @purpose: Make a Java program that uses do while loops
 *                  to add the users' numbers together.
 */
public class SumOfTheNumbers {
      public static void addition1(){
            double Number=0;
            double Entry=0;
            String Message1="Enter Zero to end the Program.";
            String Message2="\nThis program adds numbers.";
            do {
                  Entry=Double.valueOf((JOptionPane.showInputDialog(null,
                              Message1+Message2, "Reverser",
                              JOptionPane.INFORMATION_MESSAGE)));
                  Number=Number+Entry;
                  Message2="\n"+Number;
            }while (Entry!=0);
      }//end of method.
      public static void main(String[] args) {
            addition1();
      }//end of main.
}//end of class
```

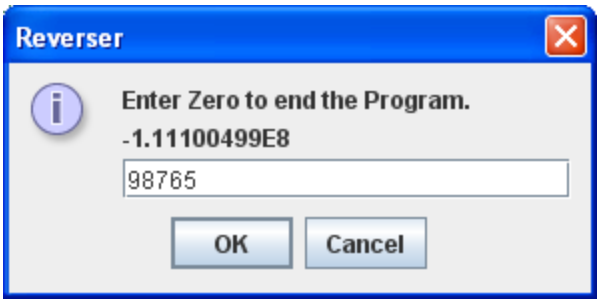


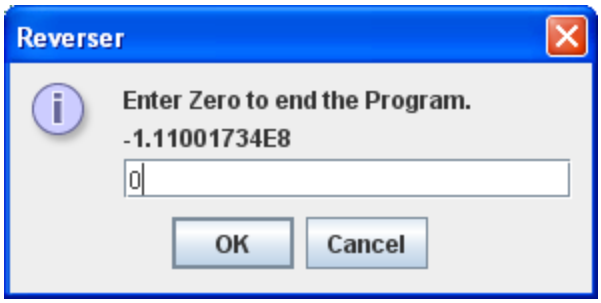


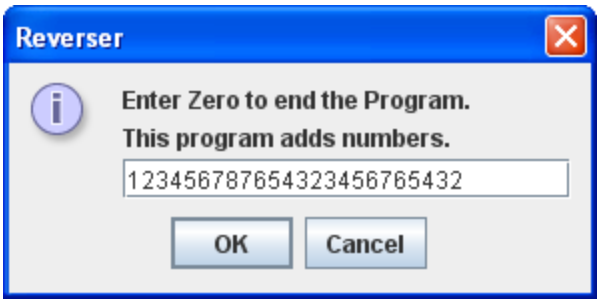


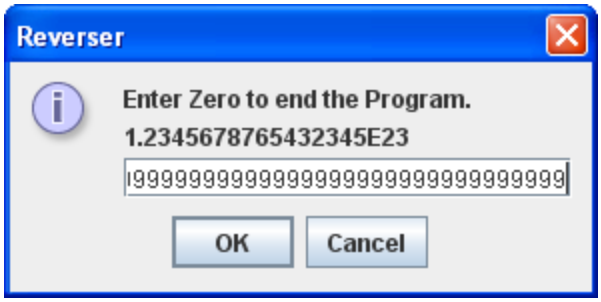


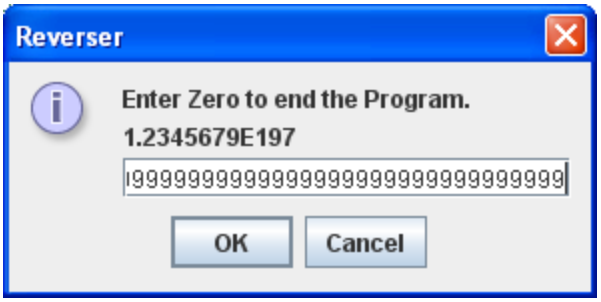

Reverser
Enter Zero to end the Program.
-1.11110499E8
10000
OK
Cancel

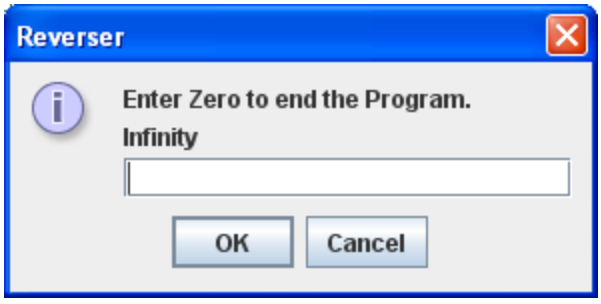

Reverser
Enter Zero to end the Program.
-1.11100499E8
98765
OK
Cancel

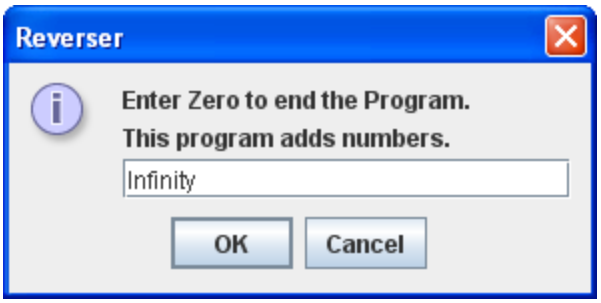

Reverser
Enter Zero to end the Program.
-1.11001734E8
0
OK
Cancel

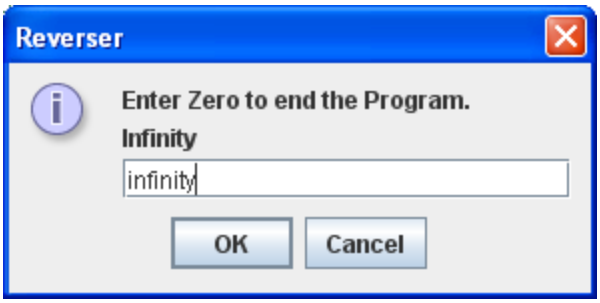

Reverser
Enter Zero to end the Program.
This program adds numbers.
12345678765432345676543 2
OK
Cancel


Reverser
Enter Zero to end the Program.
1.2345678765432345E23
999999999999999999999999999999
OK
Cancel


Reverser
Enter Zero to end the Program.
1.2345679E197
999999999999999999999999999999
OK
Cancel

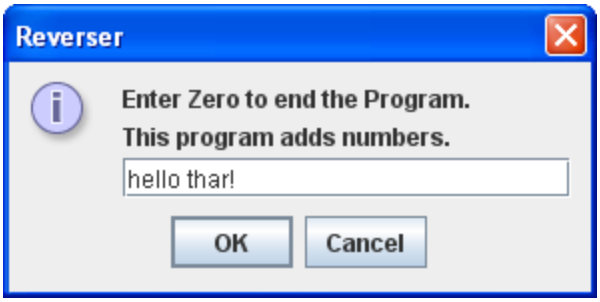

Reverser
Enter Zero to end the Program.
Infinity
OK
Cancel


Reverser
Enter Zero to end the Program.
This program adds numbers.
Infinity
OK
Cancel




```
Exception in thread "main"
java.lang.NumberFormatException: For input string:
"infinity"

        at
sun.misc.FloatingDecimal.readJavaFormatString(Unknown
Source)
        at java.lang.Double.valueOf(Unknown Source)
        at
SumOfTheNumbers.addition1(SumOfTheNumbers.java:16)
        at SumOfTheNumbers.main(SumOfTheNumbers.java:24)
```




```
Exception in thread "main"
java.lang.NumberFormatException: For input string: "hello
thar!"
        at
sun.misc.FloatingDecimal.readJavaFormatString(Unknown
Source)
        at java.lang.Double.valueOf(Unknown Source)
        at
SumOfTheNumbers.addition1(SumOfTheNumbers.java:16)
        at SumOfTheNumbers.main(SumOfTheNumbers.java:24)
```