

ACTIVITY 3-1

[Source Code]

```
import javax.swing.JOptionPane;

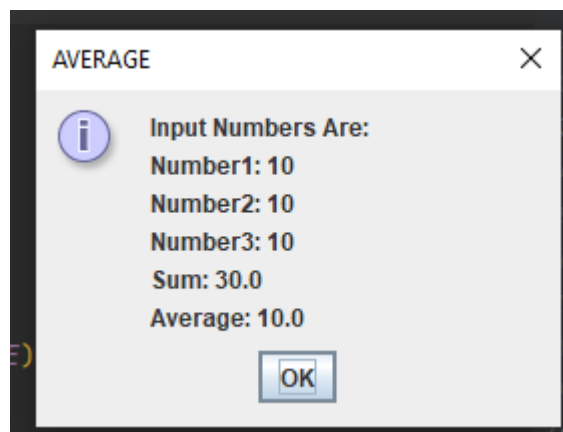
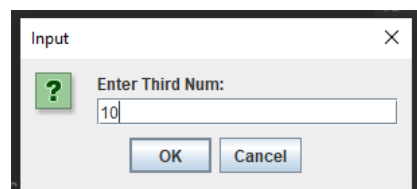
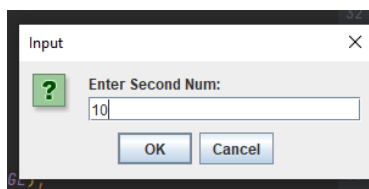
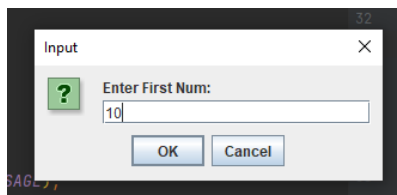
public class ACT3_1{
    public static void main(String[] args) {
        String num1 = JOptionPane.showInputDialog("Enter First Num: ");
        String num2 = JOptionPane.showInputDialog("Enter Second Num: ");
        String num3 = JOptionPane.showInputDialog("Enter Third Num: ");

        int number1 = Integer.parseInt(num1);
        int number2 = Integer.parseInt(num2);
        int number3 = Integer.parseInt(num3);

        double add = number1 + number2 + number3;
        double ave = add / 3;

        JOptionPane.showMessageDialog(null,
            "Input Numbers Are: " +
                "\nNumber1: " + number1 +
                "\nNumber2: " + number2 +
                "\nNumber3: " + number3 +
                "\nSum: " + add +
                "\nAverage: " + ave,
            "AVERAGE", JOptionPane.INFORMATION_MESSAGE);
    }
}
```

[Output]



ACTIVITY 3-2

[Source Code]

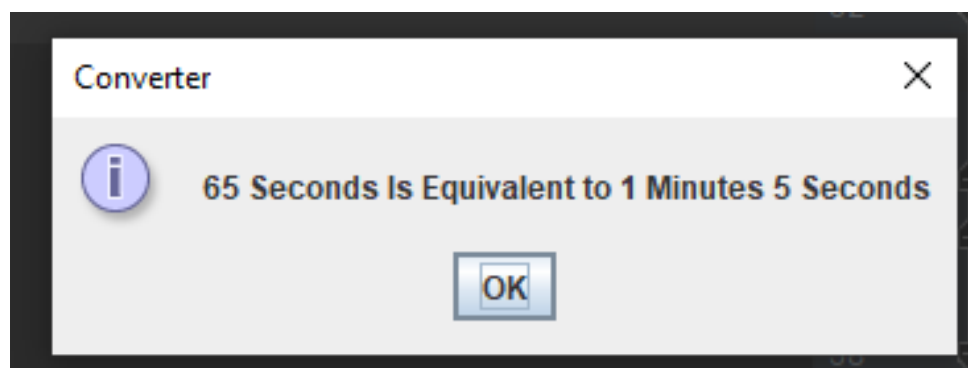
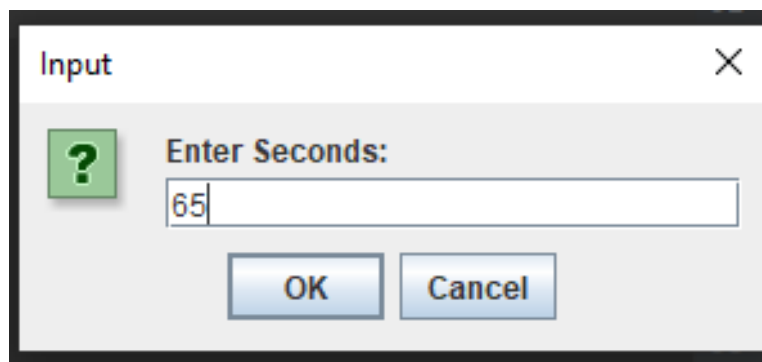
```
import javax.swing.JOptionPane;

public class ACT3_2 {
    public static void main(String[] args){
        String sec = JOptionPane.showInputDialog("Enter Seconds: ");
        int get_sec = Integer.parseInt(sec);

        int min = get_sec / 60;
        int remainder_min = get_sec % 60;

        JOptionPane.showMessageDialog(null,
            get_sec + " Seconds Is Equivalent to " +
            min + " Minutes " +
            remainder_min + " Seconds", "Converter", JOptionPane.INFORMATION_MESSAGE);
    }
}
```

[Output]



ACTIVITY 3-3

[Source Code]

```
import javax.swing.JOptionPane;

public class ACT3_3 {
    public static void main(String[] args){
        JOptionPane.showMessageDialog(null, "JAVA CAFE\n" +
            "\nCappuccino: P95.00" +
            "\nMocha: P90.00" +
            "\nVanilla: P100.00",
            "Java Cafe", JOptionPane.INFORMATION_MESSAGE);

        String get_cap = JOptionPane.showInputDialog("ORDER FOR CAPPUCCINO: ");
        String get_mo = JOptionPane.showInputDialog("ORDER FOR MOCHA: ");
        String get_va = JOptionPane.showInputDialog("ORDER FOR VANILLA: ");

        double amount_cap = 95.00;
        double amount_mo = 90.00;
        double amount_va = 105.00;

        int va_cap = Integer.parseInt(get_cap);
        int va_mo = Integer.parseInt(get_mo);
        int va_va = Integer.parseInt(get_va);

        double total_cap = va_cap * amount_cap;
        double total_mo = va_mo * amount_mo;
        double total_va = va_va * amount_va;

        double total = total_cap + total_mo + total_va;

        String get_cash = JOptionPane.showInputDialog(null,
            "ORDERS    QUANTITY    AMOUNT" +
            "\n\nCappuccino:    " + va_cap + "            " + total_cap +
            "\nMocha:        " + va_mo + "            " + total_mo +
            "\nVanilla:      " + va_va + "            " + total_va +
            "\n\nTOTAL AMOUNT: P" + total + "\n\nCASH: P", "ORDERS", JOptionPane.INFORMATION_MESSAGE);

        double amount_cash = Integer.parseInt(get_cash);

        double result = amount_cash - total;

        JOptionPane.showMessageDialog(null,
            "ORDERS    QUANTITY    AMOUNT" +
            "\n\nCappuccino:    " + va_cap + "            " + total_cap +
            "\nMocha:        " + va_mo + "            " + total_mo +
            "\nVanilla:      " + va_va + "            " + total_va +
            "\n\nTOTAL AMOUNT: " + total +
            "\n\nCASH: P" + get_cash +
            "\n\nCHANGE: P" + result, "ORDERS", JOptionPane.INFORMATION_MESSAGE);
    }
}
```

[Output]

