Add Two

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

        int Num1 = Integer.parseInt(args[0]);
        int Num2 = Integer.parseInt(args[1]);
        int sum = Num1 + Num2;
        System.out.println(Num1 + " + " + Num2 + " = " + sum);

        }
}

/*
Example in Terminal:
(base) nirmarciano@NirMarc 1 % Java AddTwo 425 8352
425 + 8352 = 8777
*/
```

Coins

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

        int quarter = 25;
        int total = Integer.parseInt(args[0]);
        int num_of_quarters = total / quarter;
        int num_of_cents = total - (quarter * num_of_quarters);

        System.out.println("Use " + num_of_quarters + " Quarters and " + num_of_cents + "
Cents");

        }
}

/*
Example in Terminal:
(base) nirmarciano@NirMarc 1 % java Coins 3252
Use 130 Quarters and 2 Cents
(base) nirmarciano@NirMarc 1 % java Coins 24
Use 0 Quarters and 24 Cents
(base) nirmarciano@NirMarc 1 % java Coins 100
Use 4 Quarters and 0 Cents
*/
```

LinearEq

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

        double a = Double.parseDouble(args[0]);
        double b = Double.parseDouble(args[1]);
        double c = Double.parseDouble(args[2]);
        double x = ( c - b ) / a ;

        System.out.println(a + " * x + " + b + " = " + c);
        System.out.println("X = " + x);

        }
}

/*
Example in Terminal:
(base) nirmarciano@NirMarc 1 % java LinearEq 32 425 923
32.0 * x + 425.0 = 923.0
X = 15.5625
*/
```

Triangle

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

        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int c = Integer.parseInt(args[2]);

        boolean test = (a + b > c) & (a + c > b) & (b + c > a);

        System.out.println(a + ", " + b + ", " + c + ": " + test);

        }
}

/*
Example in Terminal:
(base) nirmarciano@NirMarc 1 % java Triangle 2 7 43
2, 7, 43: false
(base) nirmarciano@NirMarc 1 % java Triangle 4 5 7
4, 5, 7: true
*/
```

Gen3

```
public class Gen3 {
	public static void main (String [] args) {

	int a = Integer.parseInt(args[0]);
	int b = Integer.parseInt(args[1]);

	int ran1 = (int) (Math.random() * ( b - a ) + a);
	int ran2 = (int) (Math.random() * ( b - a ) + a);
	int ran3 = (int) (Math.random() * ( b - a ) + a);

	int min = Math.min (Math.min(ran1, ran2), ran3);

	System.out.println(ran1);
	System.out.println(ran2);
	System.out.println(ran3);

	System.out.println("The minimal generated number was " + min);

	}
}

/*
Example in Terminal:
(base) nirmarciano@NirMarc 1 % java Gen3 400 1240
456
808
779
The minimal generated number was 456
(base) nirmarciano@NirMarc 1 % java Gen3 20 25
23
21
20
The minimal generated number was 20
(base) nirmarciano@NirMarc 1 %
*/
```