Hw 01 – by gidon abbas.

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

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

        System.out.println(a + " + " + "" + b + " = " + (a + b));
 }
}
```

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

                int a = Integer.parseInt(args[0]);
                int quarter = 25;

System.out.println("Use " + (a / quarter) + " quarters and " + (a % quarter) + " cents ");

                // Because of being "a" and "quarters" an integers,
                // so the devision between them is an integer number.
        }
}
```

```java
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]);

                // We need the variables to be doubles,
                // because the devision is not always a natural number.

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

        // algorithem to solve the linear equation.

    }
}
```

```java
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 length; // What is the defenetion of length?

    length = (a+b>c && a+c>b && b+c>a && b+a>c && c+b>a && c+a>b);

        // The all combenations of the sides of the triangle.

    System.out.println( a + ", " + b + ", " + c + ": " + length);
 }
}
```

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

     // First, give the variables the command line arguments.

     int minrange = Integer.parseInt(args[0]);
     int maxrange = Integer.parseInt(args[1]);

                 // idenify the generated numbers

     int a = (int)(Math.random() * (maxrange - minrange) + minrange);
     int b = (int)(Math.random() * (maxrange - minrange) + minrange);
     int c = (int)(Math.random() * (maxrange - minrange) + minrange);

     // need to generate the minimom of what printed...
     // idenify the min of the thee generated numbers.

     int d = Math.min(a, Math.min(b, c));

     // print the results out.

     System.out.println(a);
     System.out.println(b);
     System.out.println(c);
     System.out.println("The minimal generated number was " + d);
 }
}
```