```
public class AddTwo {

    public static void main(String[] args){

        int x = Integer.parseInt(args[0]);
        int y = Integer.parseInt(args[1]);

        System.out.println(x+ " + "  + y + " = " + (x+y));
    }
}
```

```
public class Coins {

    public static void main(String[] args) {

        int y = 25;
        int x = 1;

        int v = Integer.parseInt(args[0]);

        // k equal to the entire part of the division.
        int k = v / y;

        // z equal v modulo y, so that it gives me the rest of the division of v/y.
        int z = v % y;

        // here, x=1, so it is the same but if x=2 cents then z will not be v modulo y.
        z = z/x;

        System.out.println("Use " + k + " quarters and " + z + " cents");
    }
}
```

```
public class GenThree {

    public static void main(String[] args) {

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

        // I use if and else if to put any variable I want first

        if (a >= b) {

        int u;
        int v;
        int w;

        // give a random number for each
        double r = Math.random();
        double s = Math.random();
        double t = Math.random();

        // because this function give random from 0 to 1, then i multiplie it by the
difference between the two variables and add 1, then a to be sure that my numbers
are between a and b

        u = (int) (r * (b - a + 1) + a) ;
        v = (int) (s * (b - a + 1) + a) ;
        w = (int) (t * (b - a + 1) + a) ;

        System.out.println(u);
        System.out.println(v);
        System.out.println(w);

        int minimal = (u <= v && u <= w) ? u : ((v <= u && v <= w) ? v : w);

        System.out.println("The minimal generated number ia " + minimal);
        return;
        }

        else if ((b >= a)) {

        int u;
        int v;
        int w;

        double r = Math.random();
        double s = Math.random();
        double t = Math.random();

        u = (int) (r * (a - b + 1) + b) ;
        v = (int) (s * (a - b + 1) + b) ;
```

```
        w = (int) (t * (a - b + 1) + b) ;

        System.out.println(u);
        System.out.println(v);
        System.out.println(w);

        // give me the minimal number

        int minimal = (u <= v && u <= w) ? u : ((v <= u && v <= w) ? v : w);

        System.out.println("The minimal number is " + minimal);
        return;
        }
    }
}
```

```
public class LinearEq{

    public static void main(String[] args){

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

        // here I isolate x to use double

      double x = ((c-b)/a);

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

      System.out.println("x = " + x);


    }
}
```

```
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]);

        // I want that all the different some of two of the side is less than the third one.
then I use the sign AND

     while ( a+b<c || a+c<b || b+c<a) {

        System.out.println(a + ", " + b + ", " + c + ": false");
        return;
     }

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

    }
}
```