HW1Code

```
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));

   }
}
```

```
public class Coins {
    public static void main(String[] args) {
    int a = Integer.parseInt(args[0]);
    int q = ( a / 25 );
    int c = ( a % 25);


     System.out.println("use " + q + "quarters and " + c + " cents " );

    }
}
```

```
public class LinearEq {
    // Computes the roots of the equtaion a*x+b=c
    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("The value of 'a' cannot be zero for a linear equation.");
    System.out.println( + a + "*x + " + b + " = " + c + " x = " + x );
    System.out.println(" x = " + x );


    }
}
```

```
public class Triangle {
   // Computes the roots of the equtaion a*x+b=c
   public static void main(String[] args)
   {
    int a = Integer.parseInt(args[0]);
    int b = Integer.parseInt(args[1]);
    int c = Integer.parseInt(args[2]);
    // Check if it is a triangle
    boolean isTriangle = false;

       if ((a + b > c) && (b + c > a) && (a + c > b)){


           isTriangle = true;
       }

       else{

           isTriangle = false;
        }

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


   }
}
```

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

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

       int random1 = (int) ((Math.random()*(b-a))+a);
       int random2 = (int) ((Math.random()*(b-a))+a);
       int random3 = (int) ((Math.random()*(b-a))+a);

       System.out.println(random1);
       System.out.println(random2);
       System.out.println(random3);


       int min = Math.min(random1, random2);
       int min2 = Math.min(min, random3);

       System.out.println("The minimal generated number was" + min2);

   }
}
```