HW1Code.pdf

AddTwo

```
public class AddTwo {
    public static void main(String[] args) {
        int num1 = Integer.parseInt(args[0]);
        int num2 = Integer.parseInt(args[1]);
        System.out.println(num1 + " + " + num2 + " = " + (num1 + num2));
    }
}
```

Coins

```
public class Coins {
    public static void main(String[] args) {
        int cents = Integer.parseInt(args[0]);
        System.out.println("Use " + cents / 25 + " quarters and " + cents % 25 + "
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 solution = (c-b)/a;
        System.out.println(a + "*x + " + b + " = " + c);
        System.out.println("X = " + solution);
    }
}
```

Triangle

```
public class Triangle {
    public static void main(String[] args) {
    System.out.println("Enter Triangle lengths: ");
    int a = Integer.parseInt(args[0]);
    int b = Integer.parseInt(args[1]);
    int c = Integer.parseInt(args[2]);
        if(a + b > c && b + c > a && c + a > b){
            System.out.println(a + ", " + b + ", " + c + ": " + "true");
        }
        else {
            System.out.println(a + ", " + b + ", " + c + ": " + "false");
        }
    }
}
```

GenThree

```
public class Gen3{
    public static void main(String[] args) {
        int min = Integer.parseInt(args[0]);
        int max = Integer.parseInt(args[1]);
        int a = (int)(Math.random()*(max - min)) + min;
        int b = (int)(Math.random()*(max - min)) + min;
        int c = (int)(Math.random()*(max - min)) + min;
        System.out.println(a);
        System.out.println(b);
        System.out.println(c);
        System.out.println("The minimal generated number was: " +
Math.min(Math.min(a,b),c));

    }
}
```