Homework1

Assignment 1: AddTwo

```
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));
        }
}
```

Assignment 2: Coins

```
public class Coins {
	public static void main(String[] args) {
		int totalMoney = Integer.parseInt(args[0]);
		int quarters = totalMoney / 25;
		int cents = totalMoney % 25;
		System.out.println("Use " + quarters + " quarters and " +
cents + " cents");
	}
}
```

Assignment 3: 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);
	}
}
```

Assignment 4: 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]);
		if (a+b > c && a+c > b && b+c > a) {
			System.out.println(a + ", " + b + ", " + c + ": true");
		} else {
			System.out.println(a + ", " + b + ", " + c + ": false");

		}
	}
}
```

Assignment 5: Gen3

```
public class Gen3 {
	public static void main(String[] args) {
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int randomnum1 = (int)(Math.random()*(b-a))+a;
		int randomnum2 = (int)(Math.random()*(b-a))+a;
		int randomnum3 = (int)(Math.random()*(b-a))+a;
		System.out.println(randomnum1);
		System.out.println(randomnum2);
		System.out.println(randomnum3);
		System.out.println("The minimal generated number was " +
Math.min(Math.min(randomnum1, randomnum2), randomnum3));
	}
}
```