HW1 CS – Neta Tarshish

AddTwo. Java

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

Coins.java

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

LinearEq.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]);
		double calc = (c-b)/a;
		System.out.println(a + " * x + " + b + " = " + c);
		System.out.println("x = " + calc);
	}
}
```

Triangle.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 isTriangle = true;
		if(a + b < c || a + c < b || b + c < a){
			isTriangle = false;
		}
		System.out.println( a + ", " + b + ", " + c + ": " + isTriangle);
	}
}
```

GenThree.java

```
public class GenThree {
	public static void main(String[] args) {
			int minimum = Integer.parseInt(args[0]);
		int maximum = Integer.parseInt(args[1]);
		int minimumGenerated = minimum;
		int i = 0;
		while (i < 3)   {
			int num = (int)(Math.random()*maximum);
			if(num >= minimum&&num<maximum){
				System.out.println(num);
				if(i == 0){
					minimumGenerated = num;
				}
				if(num<minimumGenerated){
					minimumGenerated = num;
				}
				i = i + 1;
	}}
	System.out.println("The minimal generated number was " + minimumGenerated);
	}
}
```