

HW 01 CODE Idan Nir

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 ));  
    }  
}
```

Coins

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

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]);  
        boolean isTriangle = ( a + b > c ) & ( a + c > b ) & ( b + c > a );  
        System.out.println ( a + ", " + b + ", " + c + ": " + isTriangle );  
    }  
}
```

GenThree

```
public class GenThree {  
    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 ));  
    }  
}
```