H.W CS 1 \ALON BAR SHIMON

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

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

}
```

```
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) ;

    }
}
```

```
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 itIsTraingel = true ;

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

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

	int a = Integer.parseInt(args[0]);
	int b = Integer.parseInt(args[1]);
	int c = Math.min(a,b);
	int d = Math.max(a,b);

	int num1 = (int)( (Math.random() * ( d - c) ) + c );

	int num2 = (int)( (Math.random() * ( d - c ) ) + c );

	int num3 = (int)( (Math.random() * ( d - c ) ) + c );


		int min = (int) (Math.min(num1, (int)Math.min(num2,num3)));

		System.out.println(num1);

		System.out.println(num2);

		System.out.println(num3);


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

	}
}
```