Numbers

Byte mybyte = 2;	8bits / 1byte
Short myshort = 200;	16bits / 2byte
Int my int = 1000000;	32bits / 4byte
Long mylong = 999999	64bits / 8byte
Double my double = 1.5;	64bits / 8byte
Float myfloat = 1.5;	32bits / 4byte

Object

Class	a blue print for an object
Object	a instance of a class
Package	Organization of class

Swap

```
Public class Main {
    public static void swap(int[]
list, int e1, int e2){
   int temp;
        temp = list[e1];
        temp = list[e2];
        list[e2] = list[e1];
        list[e1] = temp;
        for (int i : list){
            System.out.println(i);
        }
    }
    public static void
main(String[] args) {
        int[] mylist = new int[]
{1,2,3,4,5};
        swap(mylist, 1, 2);
    }
}
```

Vocab

Program Execution	Running program
Java Bytecodes	the instruction set of the Java virtual machine.
Java Virtual Machine (JVM)	an abstract computing machine that enables a computer to run a Java program.

Function

System.out.print()	print
System.out.println()	print in the same line
public static	modifier
int	return type
charAt()	Returns the character at the specified index.
Booleans.	True of False