

### data types

byte	8 bits
short	16 bits
int	32 bits
long	64 bits
boolean	bit
char	16 bits unicode
float	32 bits decimal
double	64 bits decimal

### Function

System.out.print()	print in the same line
System.out.println()	print in the different line
public static	modifier
charAt()	Return the character at the specified index
Boolean	True or False

### 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);
    }
}

```

### object

class	a blue print for an object
object	an instance of a class
package	Organization of a class

### Vocab

Program	Running program
Execution	
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.

