# java programming Cheat Sheet

by ppinkyy via cheatography.com/25758/cs/8968/

## data types

| | |
|---|---|
| byte | 8 bits |
| shoryt | 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];
                lis t[e2] = list[e1];
                lis t[e1] = temp;
               for (int i : list){
                        Sys tem.ou t.p rin tln(i);
               }
       }
        public static void main(S tring[] args) {
                int[] mylist = new int[]{ -
1,2 ,3, 4,5};
                swa p(m ylist, 1, 2);
       }
}
```

## object

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

## 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. |



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