Cheatography

# 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];
        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 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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