

Java Data

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

Swapping

```
public static void swap(int[] list, int e1, int e2) {
    int[] mylist = {1, 2, 3, 4, 5};
    int[] mylist2 = new int[9];
    int temp;
    temp = mylist [e1];
    mylist [e2] = mylist [e1];
    mylist [e1] = temp;
    for (int i : mylist){
        System.out.println(tln(i));
    }
```

Char

Char is same with string but char for only letter!!
String letter = "A";

String and Arrays

```
String
String name = " Whatever you want"
Array
Array[0] = 1
Array[1] = 2
Array[2] = 3
```

Make the class

1. Click Src
2. Click New
3. Java Class
4. Insert name
5. Type the code down

Some trick

Switch tabs	Ctrl-Tab
Previous/Next tab	Alt-Left/Right
Back/Forward in code	Ctrl-Alt-Left/Right
Last edit location	Ctrl-Shift-Back-space

While loop

```
While loops
int count = 0;
while (count < mylist.length) {
    System.out.println(mylist [count] + " ");
    count++;
}
```

Some code

```
/n = new line
/t = tap
/" = "
/* = multiple
// = /
```

For Loop

```
while loop
int x = 1;
while (x < 10) {
    System.out.println(x);
    x++;
}
for loop
for (int a = 0; a < 10; a++){
    System.out.println(a);
}
Enhanced for loop
int number[] = { 2, 3, 4, 5, 6, 7, 8, 9, 10, 11};
for (int a: number) {
    System.out.println(a);
}
while..do loop
int x = 1;
do{
    System.out.println(x);
    x++;
}
while( x < 10 );
```



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