

### 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];
mylist2[e2] = mylist[e1];
mylist2[e2] = temp;
for (int i : mylist){
System.out.println(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-Backspace

### While loop

```
While loops
int count = 0;
while (count <
mylist.length) {
System.out.print(
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);
Enchanted 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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