

JAVA Statment

```
If Statment ent
if ( expre ssion ) {
    st at e ments
} else if ( expre ssion ) {
    st at e ments
} else {
    st at e ments
}

While Loop
while ( expre ssion ) {
    st at e ments
}

Do-While Loop
do {
    st at e ments
} while ( expre ssion );

For Loop
for ( int i = 0; i < max; ++i) {
    st at e ments
}

Switch Statment
switch ( expre ssion ) {
    case value:
        st at e ments
        break;
    case value2:
        st at e ments
        break;
    def ault:
        st at e ments
}

Do....w hile
int count=0;
do{
    Sys tem.out.println(count + " ");
    count ++ ;
}while (count < 10);
Ans 0 1 2 3 4 5 6 7 8 9
```

Numbers

```
byte
8 bits
short
16 bits
int
32 bits
long
64 bits
boolean
( no bit just true/ false)
char
16 bit unicode
float
32 bit decimal
double
64 bit decimal
```

Command

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

make class

```
Click src > main > new > Java
class (then type the code)
public class Hello
```

Arrays / List

```
int[] ex1 = new int [3];
ex1[0]= 1;
ex2[1]= 2;
ex3[2]= 3;
```

String

```
String name = "bacon"
or
String name = 'Bacon'
```

Vocab

Java	high level programming language that is readable by human called JVM (Java Virtual Machine).
Compiler	translater the program into machine language that can be executed directly on the computer.
Executed	Runing
JVM	another run program of Java. It referred to Java runtime.
JDK (Java Development Kit)	contains a complete class library of utilities that help you accomplish most common tasks.
Java runtime	a program that execute compiled Java byte codes.
Java bytecodes	he java complier translate your java program to be an intermediate level, which can be executed only by JVM.