**While**

The While is a type of loop which evaluate the condition first. If condition evaluate to true the code inside the block{} will be executed and if it evaluate to false it will jump outside the while loop.

**Syntax Of While:**

The syntax of While in JAVA is:

initialize-value;

while(Boolean-Expression){

statement-or-code; //This will be executed continually until Boolean expression evaluate to true

increment-decrement-value;

}

**initialize-value –** First initialize the value first before starting while loop.

**Boolean-Expression –** Boolean expression will be evaluated. If it comes out to be true then code inside it will executed otherwise compiler jumps outside the loop.

**statement-or-code –** The code that you want to execute after Boolean expression evaluate to true.

**increment-decrement-value –** increment or decrement the value of initialized variable

**Example**

**public** **class** Test\_while {

**public** **static** **void** main(String args[]) {

**int** i=1;

**while**(i<=10)

{

System.***out***.println("Number "+i);

i++;

}

}

}

**Output**

Number 1

Number 2

Number 3

Number 4

Number 5

Number 6

Number 7

Number 8

Number 9

Number 10