

**While Loop:** In Java while loop First we check the condition if condition is true then control goes inside the loop of the body, other wise goes outside the body. while loop will be repeats in clock wise direction.

**Note:** If while loop condition never false then loop become infinite loop.

Here, statement(s) may be a single statement or a block of statements. The condition may be any expression, and true is any nonzero value. The loop iterates while the condition is true.

When the condition becomes false, the program control passes to the line immediately following the loop.

**When while loop is use.?**

When we do not know about how many times loops are perform or iteration of loop is unknown.

**Syntax:**

initialization;

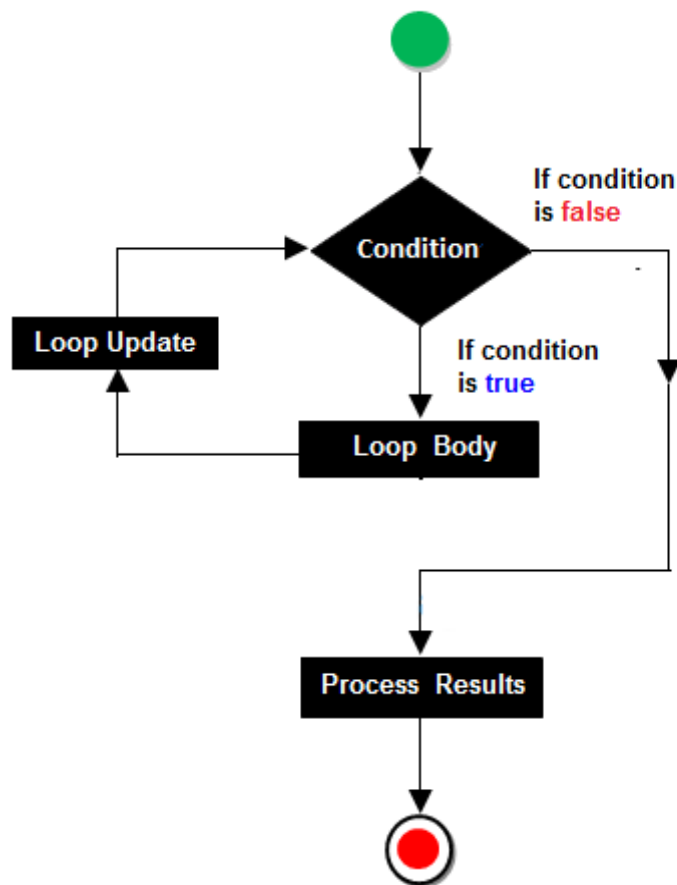
while(condition)

{

    print statement;

    increment/decrement statement;

}



About **While** Loop:

The condition will be true if it returns 0. The condition will be false if it returns any non-zero number.

In while loop, the condition expression is compulsory.

Running a while loop without a body is possible.

We can have more than one conditional expression in while loop.

If the loop body contains only one statement, then the braces are optional.