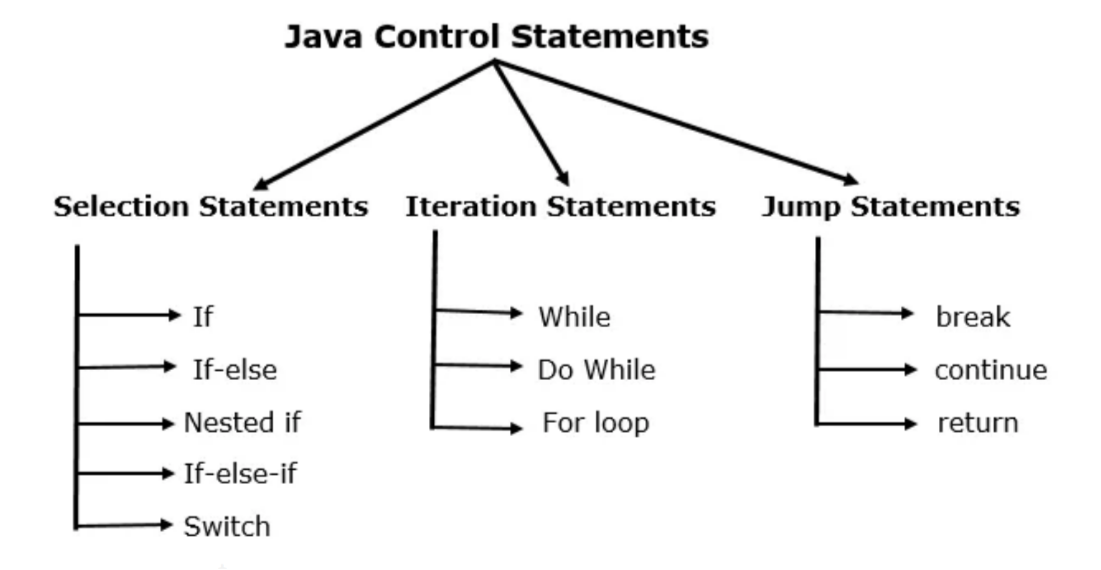
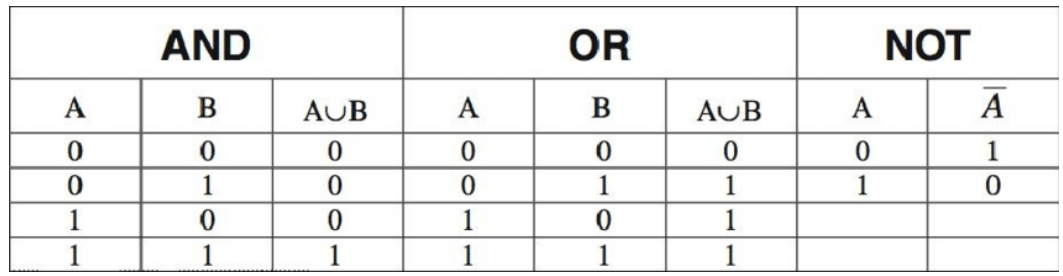
<https://medium.com/@SameerBramhecha/java-jumpstart-mastering-control-statements-1fafb5c4766b>

<https://www.linkedin.com/pulse/deep-dive-java-iteration-statements-enhancing-code-satish-jassal>

<https://www.geeksforgeeks.org/decision-making-javaif-else-switch-break-continue-jump/>





**AND --> && (double AND operator)** 🡪 If all conditions are true then only result will be true else result will be false.

**OR --> || (double pipes**)🡪 If any one conditions is true then only result will be true else result will be false.

We’ll explore three main types of control statements in Java: selection statements, iteration statements, and jump statements. Selection statements allow your program to make decisions based on conditions. Iteration statements enable repetitive execution of a block of code until a condition is met. Jump statements provide more granular control over the flow of execution within loops and other control structures.

Java supports two selection statements: **if** and **switch.**These statements allow you to control the flow of your program’s execution based upon conditions known only during runtime.

**The ‘*if’*statement**

|  |
| --- |
| if(condition){  statement1; } else{  statement2; } |

**Nested ifs:**

An if statement inside another if statement.

|  |
| --- |
| /\*  \* This source file was generated by the Gradle 'init' task  \*/  package org.example;  public class App {  public static void main(String[] args) {  String userName = "kamal shaik";  String password = "abc123";  if (!userName.isEmpty() && !password.isEmpty()) { // ! ex cla mation --> NOT  System.out.println("Given value is not empty...");  if (userName.length() > 8 && userName.length() < 15) {  System.out.println("Strong password!");  } else {  System.out.println("Weak password!!!!");  System.out.println("Password length should be between 8 to 15 characters!");  }  } else {  System.out.println("The email address or mobile number you entered isn't connected to an account. Find your account and log in.");  }  }  } |