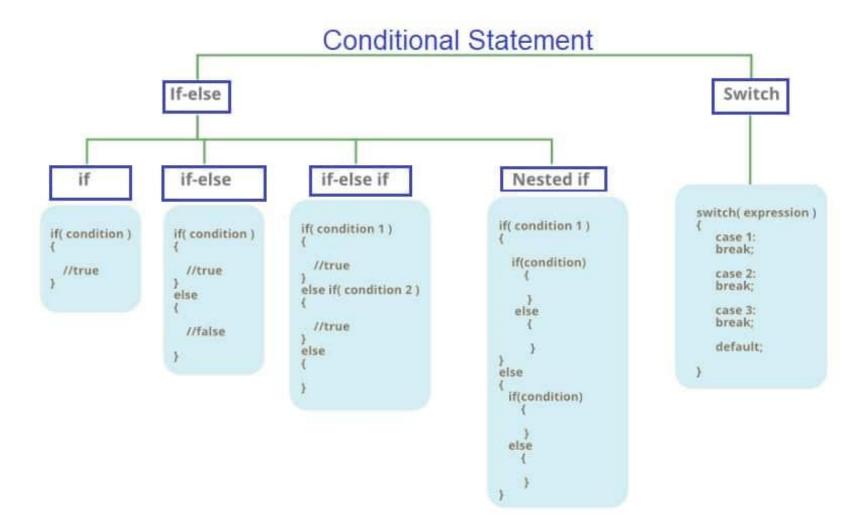
# Conditional Branching and Loops

UNIT-1

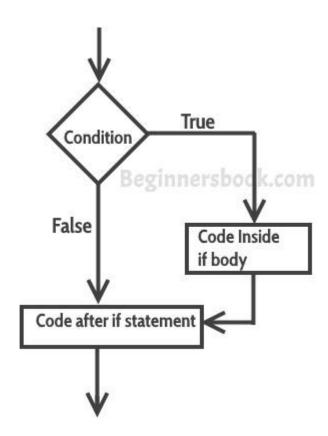
### BASICS

Conditional Statements in C programming are used to make decisions based on the conditions.

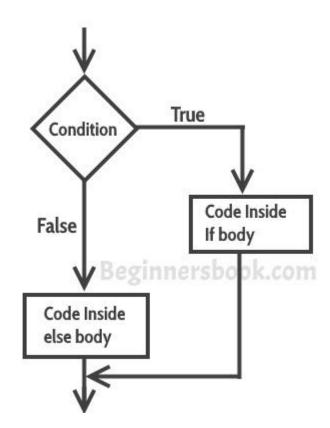
In order to write useful programs, we almost always need the ability to check conditions and change the behavior of the program accordingly. <u>Conditional statements</u> give us this ability.



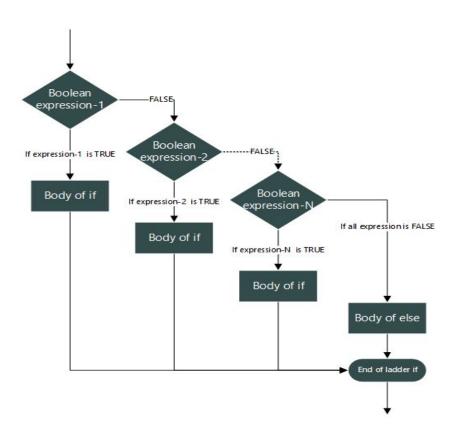
## Flow diagram of if statement



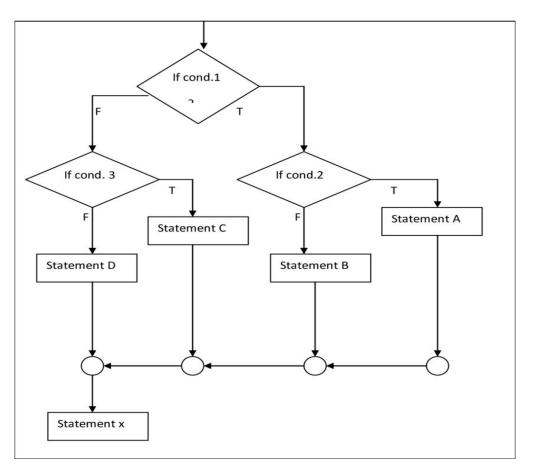
# Flow diagram of if else statement



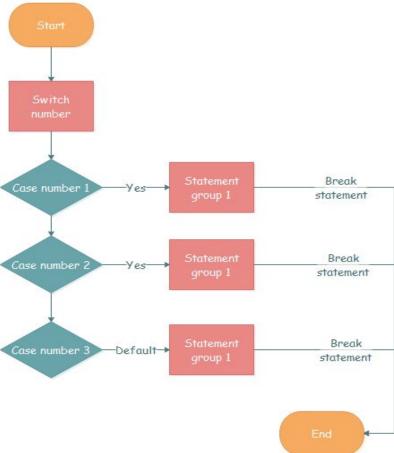
### Flow diagram of if - else if -else statement



### Flow diagram of nested if statements



# Flow diagram of switch statement:



### Loops

```
for (initializationStatement; testExpression; updateStatement)
{
    // statements inside the body of loop
}
```