OBJECTIVE-C - IF STATEMENT

An **if** statement consists of a boolean expression followed by one or more statements.
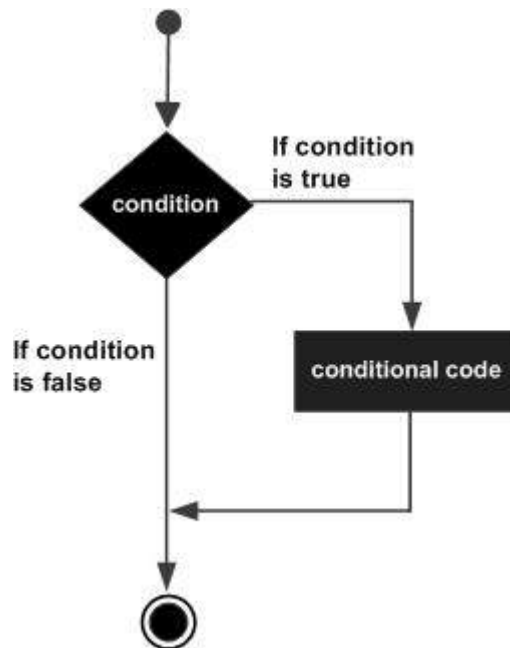
Syntax:

The syntax of an if statement in Objective-C programming language is:

```
if(boolean_expression)
{
    /* statement(s) will execute if the boolean expression is true */
}
```

If the boolean expression evaluates to **true**, then the block of code inside the if statement will be executed. If boolean expression evaluates to **false**, then the first set of code after the end of the if statement *aftertheclosingcurlybrace* will be executed.

Objective-C programming language assumes any **non-zero** and **non-null** values as **true**, and if it is either **zero** or **null**, then it is assumed as **false** value.

Flow Diagram:

Example:

```
#import <Foundation/Foundation.h>

int main ()
{
   /* local variable definition */
   int a = 10;

   /* check the boolean condition using if statement */
   if( a < 20 )
   {
       /* if condition is true then print the following */
       NSLog(@"a is less than 20\n" );
   }
   NSLog(@"value of a is : %d\n", a);

   return 0;
}
```

When the above code is compiled and executed, it produces the following result:

```
2013-09-07 22:07:00.845 demo[13573] a is less than 20
2013-09-07 22:07:00.845 demo[13573] value of a is : 10
```