

# BREAK STATEMENT IN OBJECTIVE-C

[http://www.tutorialspoint.com/objective\\_c/objective\\_c\\_break\\_statement.htm](http://www.tutorialspoint.com/objective_c/objective_c_break_statement.htm)

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The **break** statement in Objective-C programming language has the following two usages:

- When the **break** statement is encountered inside a loop, the loop is immediately terminated and program control resumes at the next statement following the loop.
- It can be used to terminate a case in the **switch** statement *covered in the next chapter*.

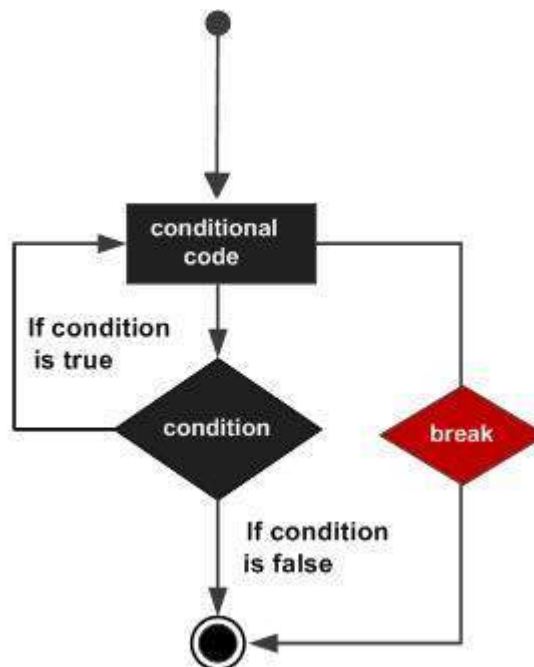
If you are using nested loops *i. e. , one loop inside another loop*, the break statement will stop the execution of the innermost loop and start executing the next line of code after the block.

## Syntax:

The syntax for a **break** statement in Objective-C is as follows:

```
break;
```

## Flow Diagram:



## Example:

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

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

    /* while loop execution */
    while( a < 20 )
    {
        NSLog(@"value of a: %d\n", a);
        a++;
        if( a > 15)
        {
            /* terminate the loop using break statement */
            break;
        }
    }
}
```

```
    return 0;  
}
```

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

```
2013-09-07 22:15:46.905 demo[12282] value of a: 10  
2013-09-07 22:15:46.906 demo[12282] value of a: 11  
2013-09-07 22:15:46.906 demo[12282] value of a: 12  
2013-09-07 22:15:46.906 demo[12282] value of a: 13  
2013-09-07 22:15:46.906 demo[12282] value of a: 14  
2013-09-07 22:15:46.906 demo[12282] value of a: 15
```

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