

C# - IF STATEMENT

http://www.tutorialspoint.com/csharp/if_statement_in_csharp.htm

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

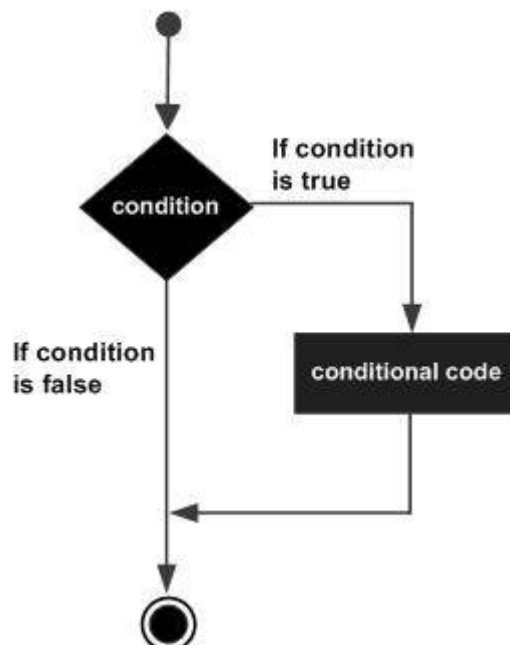
Syntax

The syntax of an if statement in C# 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 is executed. If boolean expression evaluates to **false**, then the first set of code after the end of the if statement *after the closing curly brace* is executed.

Flow Diagram



Example

```
using System;
namespace DecisionMaking
{
    class Program
    {
        static void Main(string[] args)
        {
            /* local variable definition */
            int a = 10;
            /* check the boolean condition using if statement */
            if (a < 20)
            {
                /* if condition is true then print the following */
                Console.WriteLine("a is less than 20");
            }
            Console.WriteLine("value of a is : {0}", a);
            Console.ReadLine();
        }
    }
}
```

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

```
a is less than 20;  
value of a is : 10
```

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