C# - BREAK STATEMENT

The **break** statement in C# has following two usage:

- 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.

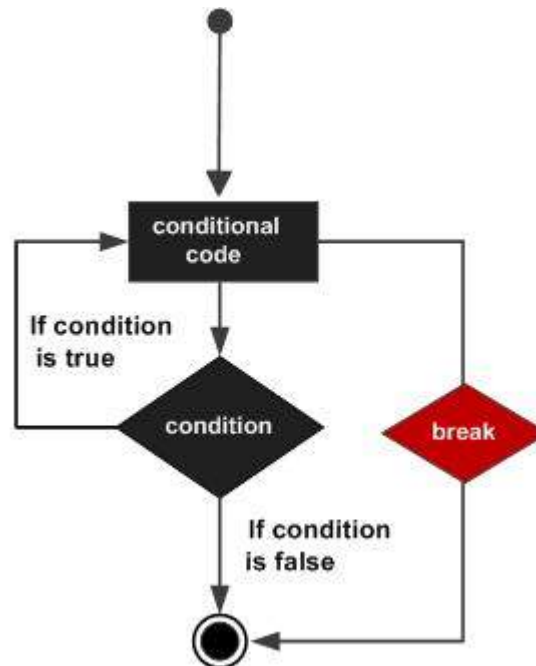- It can be used to terminate a case in the **switch** statement.

If you are using nested loops *i. e. , oneloopinsideanotherloop*, 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 C# is as follows:

```
break;
```

Flow Diagram

Example

```csharp
using System;
namespace Loops
{
   class Program
   {
      static void Main(string[] args)
      {
         /* local variable definition */
         int a = 10;

         /* while loop execution */
         while (a < 20)
         {
            Console.WriteLine("value of a: {0}", a);
            a++;
            if (a > 15)
            {
               /* terminate the loop using break statement */
```

```
                break;
            }
        }
        Console.ReadLine();
    }
}
```

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

```
value of a: 10
value of a: 11
value of a: 12
value of a: 13
value of a: 14
value of a: 15
```

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