

C# Break Statement with Examples

In **C#**, **Break** statement is useful to break or terminate the execution of loops (for, while, do-while, etc.) or switch statements. The control is passed immediately to the next statements that follow a terminated loop or statements.

In **C#** nested loops, we can also use the **break** statement to stop or terminate the execution of inner loops based on our requirements.

Syntax of C# Break Statement

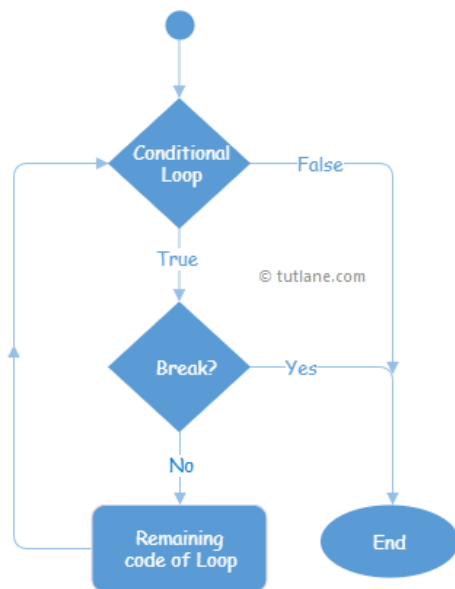
Following is the syntax of defining a **break** statement in the **C#** programming language.

```
break;
```

In our applications, we can use a **break** statement whenever we want to stop the execution of a particular loop or statement based on our requirements.

C# Break Statement Flow Chart

Following is the pictorial representation of the **break** statement process flow in the **C#** programming language.



Now we will see how to use break statement in for loop (/tutorial/csharp/csharp-for-loop-with-examples), while loop (/tutorial/csharp/csharp-while-loop-with-examples), do-while loop (/tutorial/csharp/csharp-do-while-loop-with-examples), and switch (/tutorial/csharp/csharp-switch-case-statement-with-examples) statement in **C#** programming language with examples.

C# For Loop with Break Statement

In **C#**, by using the **break** keyword we can stop the execution of for loop (/tutorial/csharp/csharp-for-loop-with-examples) statement based on our requirements.

Following is the example of stopping the execution of for loop (/tutorial/csharp/csharp-for-loop-with-examples) using a **break** statement.

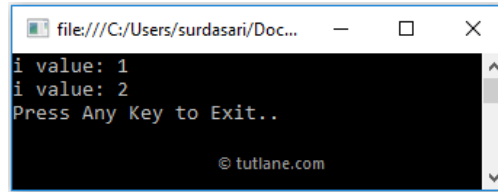
```
using System;

namespace Tutlane
{
    class Program
    {
        static void Main(string[] args)
        {
            for (int i = 1; i <= 4; i++)
            {
                if (i == 3)
                {
                    break;
                }
                Console.WriteLine("i value: {0}", i);
            }
            Console.WriteLine("Press Enter Key to Exit..");
            Console.ReadLine();
        }
    }
}
```

```
}  
}
```

If you observe the above code, we used a **break** statement to exit for loop (/tutorial/csharp/csharp-for-loop-with-examples) whenever the variable **i** value equals **3**.

When you execute the above c# program, you will get the result below.



```
file:///C:/Users/surdasari/Doc...  
i value: 1  
i value: 2  
Press Any Key to Exit..  
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```

If you observe the above result, whenever the variable **i** value equals **3**, the loop (/tutorial/csharp/csharp-for-loop-with-examples) execution has stopped automatically.

This is how we can use the break statement in for loop (/tutorial/csharp/csharp-for-loop-with-examples) to terminate the execution of for loop based on our requirements.

C# While Loop with Break Statement

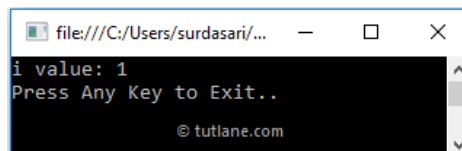
In c#, we can exit or terminate the execution of a while loop (/tutorial/csharp/csharp-while-loop-with-examples) immediately by using a **break** keyword.

Following is the example of using the **break** keyword in a while loop (/tutorial/csharp/csharp-while-loop-with-examples) to terminate the execution of the loop in the c# programming language.

```
using System;  
  
namespace Tutlane  
{  
    class Program  
    {  
        static void Main(string[] args)  
        {  
            int i = 1;  
            while (i < 4)  
            {  
                Console.WriteLine("i value: {0}", i);  
                i++;  
                if (i == 2)  
                    break;  
            }  
            Console.WriteLine("Press Enter Key to Exit..");  
            Console.ReadLine();  
        }  
    }  
}
```

If you observe the above example, whenever the variable (**i**) value becomes **2**, we terminate the loop using the break statement.

When we execute the above c# program, we will get the result below.



```
file:///C:/Users/surdasari/...  
i value: 1  
Press Any Key to Exit..  
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```

This is how we can use break statements with a while loop to terminate a loop's execution based on our requirements.

C# Do-While Loop with Break Statement

In c#, we can exit or terminate the execution of a do-while loop (/tutorial/csharp/csharp-do-while-loop-with-examples) immediately by using the **break** keyword.

Following is the example of using the **break** keyword in a do-while loop (/tutorial/csharp/csharp-do-while-loop-with-examples) to terminate the execution of the loop in the c# programming language.

```
using System;  
  
namespace Tutlane  
{  
    class Program  
    {  
        static void Main(string[] args)
```

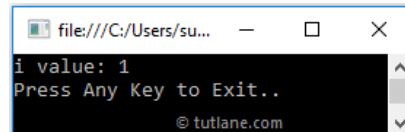
```

{
    int i = 1;
    do
    {
        Console.WriteLine("i value: {0}", i);
        i++;
        if (i == 2)
            break;
    }while (i < 4)
    Console.WriteLine("Press Enter Key to Exit..");
    Console.ReadLine();
}
}
}

```

If you observe the above example, whenever the variable (**i**) value becomes **2**, we terminate the loop using the break statement.

When we execute the above c# program, we will get the result below.



```

file:///C:/Users/su...
i value: 1
Press Any Key to Exit..
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```

This is how we can use **break** statements in the do-while (</tutorial/csharp/csharp-do-while-loop-with-examples>) loop to terminate a loop's execution based on our requirements.

To know how to use break statement in switch statements, check this [Switch Statement in C# with Examples \(/tutorial/csharp/csharp-switch-case-statement-with-examples\)](/tutorial/csharp/csharp-switch-case-statement-with-examples).

This is how we can use the break statement in our c# applications to terminate the execution of loops or statements based on our requirements.

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