

Statement	Example
Statement lists and block statements	<pre>static void Main() {     F();     G(); {         H();         I();     } }</pre>
Labeled statements and goto statements	<pre>static void Main(string[] args) {     if (args.Length == 0)         goto done;     Console.WriteLine(args.Length); done:     Console.WriteLine("Done"); }</pre>
Local constant declarations	<pre>static void Main() {     const float pi = 3.14f;     const int r = 123;     Console.WriteLine(pi * r * r); }</pre>
Local variable declarations	<pre>static void Main() {     int a;     int b = 2, c = 3;     a = 1;     Console.WriteLine(a + b + c); }</pre>
Expression statements	<pre>static int F(int a, int b) {     return a + b; } static void Main() {     F(1, 2); // Expression statement }</pre>
if statements	<pre>static void Main(string[] args) {     if (args.Length == 0)         Console.WriteLine("No args");     else         Console.WriteLine("Args"); }</pre>
switch statements	<pre>static void Main(string[] args) {     switch (args.Length) {     case 0:         Console.WriteLine("No args");         break;     case 1:         Console.WriteLine("One arg ");         break;     default:         int n = args.Length;         Console.WriteLine("{0} args", n);         break;     } }</pre>
while statements	<pre>static void Main(string[] args) {     int i = 0;     while (i &lt; args.Length) {         Console.WriteLine(args[i]);         i++;     } }</pre>
do statements	<pre>static void Main() {     string s;     do {         s = Console.ReadLine();     } while (s != "Exit"); }</pre>

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for statements	<pre>static void Main(string[] args) {     for (int i = 0; i &lt; args.Length; i++)         Console.WriteLine(args[i]); }</pre>
foreach statements	<pre>static void Main(string[] args) {     foreach (string s in args)         Console.WriteLine(s); }</pre>
break statements	<pre>static void Main(string[] args) {     int i = 0;     while (true) {         if (i == args.Length)             break;         Console.WriteLine(args[i++]);     } }</pre>
continue statements	<pre>static void Main(string[] args) {     int i = 0;     while (true) {         Console.WriteLine(args[i++]);         if (i &lt; args.Length)             continue;         break;     } }</pre>
return statements	<pre>static int F(int a, int b) {     return a + b; } static void Main() {     Console.WriteLine(F(1, 2));     return; }</pre>
throw statements and try statements	<pre>static int F(int a, int b) {     if (b == 0)         throw new Exception("Divide by zero");     return a / b; } static void Main() {     try {         Console.WriteLine(F(5, 0));     }     catch (Exception e) {         Console.WriteLine("Error");     } }</pre>
checked and unchecked statements	<pre>static void Main() {     int x = Int32.MaxValue;     Console.WriteLine(x + 1); // Overflow     checked {         Console.WriteLine(x + 1); // Exception     }     unchecked {         Console.WriteLine(x + 1); // Overflow     } }</pre>
lock statements	<pre>static void Main() {     A a = foo;     lock(a) {         a.P = a.P + 1;     } }</pre>
using statements	<pre>static void Main() {     using (Resource r = new Resource()) {         r.F();     } }</pre>