

Determine smallest single-digit factor

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/*
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C#: The Complete Reference
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```
by Herbert Schildt
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*/
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```
// Determine smallest single-digit factor.
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```
using System;
```

```
public class Ladder {
```

```
public static void Main() {
```

```
int num;
```

```
for(num = 2; num < 12; num++) { if((num % 2) == 0)
Console.WriteLine("Smallest factor of " + num + " is 2.");
else if((num % 3) == 0) Console.WriteLine("Smallest factor of
" + num + " is 3."); else if((num % 5) == 0)
Console.WriteLine("Smallest factor of " + num + " is 5.");
else if((num % 7) == 0) Console.WriteLine("Smallest factor of
" + num + " is 7."); else Console.WriteLine(num + " is not
divisible by 2, 3, 5, or 7."); } } } [/csharp]
```