

Determine smallest single-digit factor

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/*  
C#: The Complete Reference  
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*/  
// Determine smallest single-digit factor.  
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]
```