**Rearange Number to Get its Maximum**

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C#

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Create function that takes one positive three digit integer and rearranges its digits to get maximum possible number. Assume that argument is integer. Return *null* (*nil* for ruby) if argument is not valid.

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

public class Kata

{

public static int? MaxRedigit(int num)

{

string s = num.ToString();

var charArray = s.ToCharArray();

Array.Sort(charArray);

Array.Reverse(charArray);

string d = new string(charArray);

int n;

bool b = int.TryParse(d, out n);

Console.WriteLine(n);

if (n == 0)

{

Console.WriteLine("fail");

return null;

}

else if (charArray.Length != 3)

{

Console.WriteLine("fail");

return null;

}

else

{

Console.WriteLine("true");

return n;

}

}

}