using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

string s = "hackerhappy";

string t = "hackerrank";

int k = 9;// Yes

//string s = "y";

//string t = "yu";

//int k = 2; //No

//string s = "aba";

//string t = "aba";

//int k = 7; // Yes

//string s = "aba";

//string t = "ab";

//int k = 7; // Yes

//string s = "zzzzz";

//string t = "zzzzzzz";

//int k = 4; //Yes

//string s = "zzzzz";

//string t = "zzzzzz";

//int k = 4; // No

//string s = "zzzzz";

//string t = "zzzzzz";

//int k = 3; // Yes

int i;

for (i = 0; i < Math.Min(s.Length, t.Length) && s[i] == t[i]; i++)

{ };

int borrados = s.Length - i;

int agregados = t.Length - i;

//Console.WriteLine(borrados);

//Console.WriteLine(agregados);

if (borrados + agregados > k)

{

Console.WriteLine("No");

}

else if (borrados + agregados == k)

{

Console.WriteLine("Yes");

}

else if (borrados + agregados < k)

{

if (s.Length + t.Length < k)

{

Console.WriteLine("Yes");

}

else

{

int hay\_que\_agregar = t.Length - i;

int agregar = k - borrados;

if ((agregar % 2 == 0 && hay\_que\_agregar % 2 == 0)

|| (agregar % 2 != 0 && hay\_que\_agregar % 2 != 0))

{

Console.WriteLine("Yes");

}

else

{

Console.WriteLine("No");

}

}

}

//if (borrados + agregados > k)

//{

// Console.WriteLine("No");

//}

//else

//{

// if (borrados + agregados == k)

// {

// Console.WriteLine("Yes");

// }

// else if (s.Length + t.Length <= k)

// {

// Console.WriteLine("Yes");

// }

// else if (s.Length + t.Length > k)

// {

// Console.WriteLine("No");

// }

// else if (hay\_que\_agregar < k)

// {

// Console.WriteLine("Yes");

// }

//}

Console.ReadLine();

}

}

}