<https://www.hackerrank.com/challenges/weighted-uniform-string>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static Dictionary<char, long> maxUniformString(string s)

{

Dictionary<char, long> diccio = new Dictionary<char, long>();

for (char ch = 'a'; ch <= 'z'; ch++)

{

diccio[ch] = 0;

}

for (int i = 0; i < s.Length; )

{

long cont = 0;

char actual = s[i];

while (i < s.Length && s[i] == actual)

{

i++;

cont++;

}

diccio[actual] = Math.Max(cont, diccio[actual]);

}

return diccio;

}

static void Main(string[] args)

{

string s = Console.ReadLine();

long n = long.Parse(Console.ReadLine());

Dictionary<char, long> diccio = maxUniformString(s);

while (n-- > 0)

{

long x = long.Parse(Console.ReadLine());

string ans = "No";

for (char ch = 'a'; ch <= 'z'; ch++)

{

if (x % (ch - 'a' + 1) == 0 && x <= diccio[ch]\* (ch-'a'+1))

{

ans = "Yes";

break;

}

}

Console.WriteLine(ans);

}

Console.ReadLine();

}

}

}