1. Using methods charAt() & length() of String class, write a program to print the

frequency of each character in a string.

“Hello friend”

Output should be

-: 1

d: 1

e: 2

f: 1

(continued for all character in the string)

import java.util.\*;

import java.lang.\*;

import java.io.\*;

class friend {

static final int MAX\_CHAR = 256;

static void getOccuringChar(String str)

{

int count[] = new int[MAX\_CHAR];

int len = str.length();

for (int i = 0; i < len; i++)

count[str.charAt(i)]++;

char ch[] = new char[str.length()];

for (int i = 0; i < len; i++) {

ch[i] = str.charAt(i);

int find = 0;

for (int j = 0; j <= i; j++) {

if (str.charAt(i) == ch[j])

find++;

}

if (find == 1)

System.out.println(" " +

str.charAt(i) + " is:" + count[str.charAt(i)]);

}

}

public static void main(String[] args)

{

Scanner sc = new Scanner(System.in);

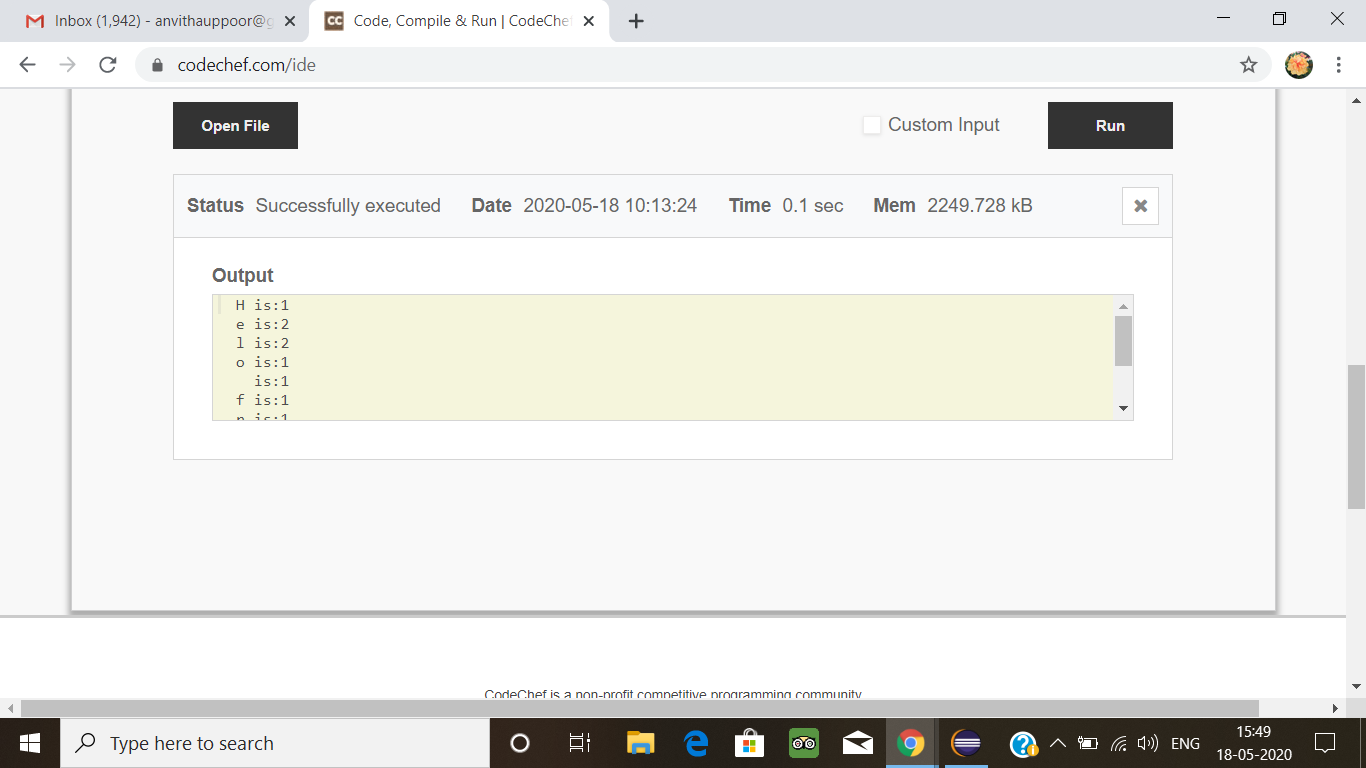
String str = "Hello friend";

getOccuringChar(str);

}

}

**Output:**

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