 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 3</b>	<b>Name : VEDANT BHARAD</b>	
<b>Day : 42</b>	<b>Date : 28/11/2022</b>	<b>Enrollment No: 92100133023</b>


## CP Club 365Days Challenge

Date – 28/11/2022

Programming language – Your preferred programming language

### Problem Statement

[hackerrank.com/challenges/hackerrank-in-a-string/problem?isFullScreen=true](https://hackerrank.com/challenges/hackerrank-in-a-string/problem?isFullScreen=true)

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## Your Code:

```
// 0x42Day of 0x365Days challenge
// VEDANT BHARAD
// 28-11-2022
#include <assert.h>
#include <ctype.h>
#include <limits.h>
#include <math.h>
#include <stdbool.h>
#include <stddef.h>
#include <stdint.h>
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

char* readline();
char* ltrim(char*);
char* rtrim(char*);
int parse_int(char*);
char* hackerrankInString(char* s) {
    char mystr[]="hackerrank";
    int myIndex = 0,loop=0;
    while (s[loop]!='\0')
    {
        if(mystr[myIndex] == s[loop])
            myIndex++;
        loop++;
    }
    if(myIndex==10) return "YES";
    else return "NO";
}

int main()
{
    FILE* fptr = fopen(getenv("OUTPUT_PATH"), "w");
    int q = parse_int(ltrim(rtrim(readline())));
    for (int q_itr = 0; q_itr < q; q_itr++) {
        char* s = readline();
        char* result = hackerrankInString(s);
        // fprintf(fptr, "%s\n", result);
        printf("%s\n", result);
    }
    fclose(fptr);
    return 0;
}


char* readline() {
    size_t alloc_length = 1024;
    size_t data_length = 0;
    char* data = malloc(alloc_length);
    while (true) {
        char* cursor = data + data_length;
        char* line = fgets(cursor, alloc_length - data_length, stdin);
        if (!line) {
            break;
        }
    }
}
```

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```

    }
    data_length += strlen(cursor);
    if (data_length < alloc_length - 1 || data[data_length - 1] == '\n') {
        break;
    }
    alloc_length <= 1;
    data = realloc(data, alloc_length);
    if (!data) {
        data = '\0';
        break;
    }
}
if (data[data_length - 1] == '\n') {
    data[data_length - 1] = '\0';
    data = realloc(data, data_length);
    if (!data) {
        data = '\0';
    }
} else {
    data = realloc(data, data_length + 1);
    if (!data) {
        data = '\0';
    } else {
        data[data_length] = '\0';
    }
}
return data;
}
char* ltrim(char* str) {
    if (!str) {
        return '\0';
    }
    if (!*str) {
        return str;
    }
    while (*str != '\0' && isspace(*str)) {
        str++;
    }
    return str;
}
char* rtrim(char* str) {
    if (!str) {
        return '\0';
    }
    if (!*str) {
        return str;
    }
    char* end = str + strlen(str) - 1;
    while (end >= str && isspace(*end)) {
        end--;
    }
    *(end + 1) = '\0';
    return str;
}

```

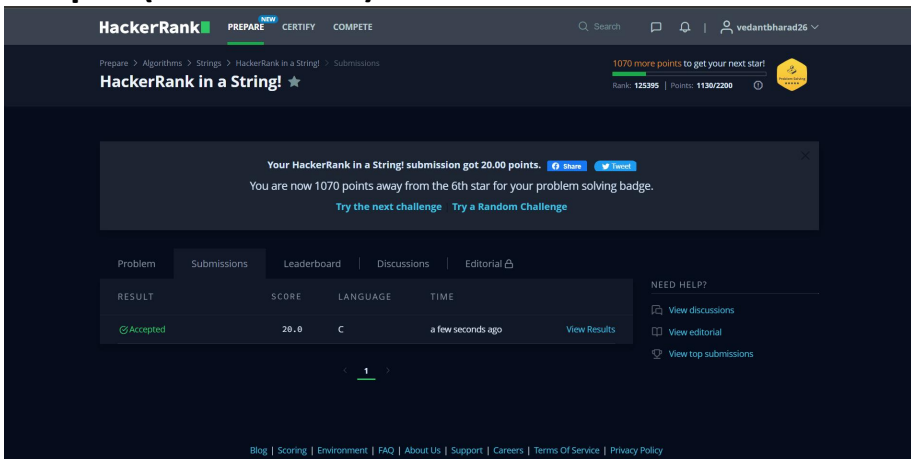
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```

}
int parse_int(char* str) {
    char* endptr;
    int value = strtol(str, &endptr, 10);
    if (endptr == str || *endptr != '\0') {
        exit(EXIT_FAILURE);
    }
    return value;
}

```

## Output (Screen Shot):



The screenshot shows the HackerRank interface for the problem 'HackerRank in a String!'. The submission is marked as 'Accepted' with a score of 20.0. A notification banner states: 'Your HackerRank in a String! submission got 20.00 points. You are now 1070 points away from the 6th star for your problem solving badge.' The right sidebar shows the test case results for 'Testcase 1 Passed' in 26ms.

Problem	Submissions	Leaderboard	Discussions	Editorial
RESULT	SCORE	LANGUAGE	TIME	
Accepted	20.0	C	a few seconds ago	View Results

NEED HELP?

- View discussions
- View editorial
- View top submissions

Testcase 1 Passed 26ms

Input: 2  
hereiamstackerrank  
hackerworld

Expected Output: YES  
NO

Received Output: YES  
NO

## Understanding about problem:

- In this task there is one input which is string.
- In this task need to find hackerrank string in given string and if is there then return YES else NO.

**Note:** If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

**ALL THE BEST**

Team CP Club