

CPC Meeting #3

Competitive Programming Club

ICPC Contest Update

North America Championship Aug 8, 2021

World Finals Oct 1-6, 2021

<https://icpc.global/regionals/upcoming>

The 2021 North America Qualifier

Not specified

Not specified -
Not specified



0/6000

[Details](#)

Closed

Calling all graphic designers

Submit Deadline: Sunday 10/17/2021 at midnight

Voting Meeting: Wednesday 10/20/2021 at 6pm

<https://go.osu.edu/cpclogoform>



Contest Results

<https://open.kattis.com/contests/h8exz4/standings>

<https://go.osu.edu/cpckattis>

First to Solves

Problem	Participant
A	Tyler Hagerman
B	Shyamal Shah
C	
D	Team Banana Bread
E	Nathan Rogers
F	Michael Appugliese












Start 13:38 AKDT

Ohio State Practice Contest 1

End 19:59 AKDT

Contest is over.

 Solved problem  Attempted problem  Pending judgement

RK	TEAM	SLV.	TIME	A	B	C	D	E	F
1	Shyamal Shah	4	941	 7 246	 2 111		 3 196		 1 208
2	Daniel Chieffo	3	487	 1 79			 10 183		 1 45
3	Nathan Rogers	3	740	 1 ...			 2 335	 1 349	 1 36

Problem F: Ostgotska

One line input of space separated words, find if the sentence is in Ostgotska

Note: 15 letters in their alphabet, words are separated by spaces

Print “dae ae ju traeligt va” if yes, else print “haer talar vi rikssvenska”

Java Solution

```
1  import java.io.*;
2  import java.util.*;
3
4  public class ostgotska{
5      public static void main(String[] args) {
6          Scanner sc = new Scanner(System.in);
7          String[] words = sc.nextLine().split(" ");
8          int counter = 0;
9          int total = words.length;
10         for(int i = 0; i < words.length; i++){
11             if(words[i].contains("ae")){
12                 counter++;
13             }
14         }
15         if(((double)counter / total) >= 0.4){
16             System.out.println("dae ae ju traeligt va");
17         }else{
18             System.out.println("haer talar vi rikssvenska");
19         }
20     }
21 }
```

C++ Solution

```
1  #include <iostream>
2  #include <string>
3
4  using namespace std;
5
6  int main(){
7      string word;
8      int count = 0;
9      int total = 0;
10     while(cin >> word){
11         total++;
12         if(word.find("ae") != -1){
13             count++;
14         }
15     }
16     if((double) count / total >= 0.4){
17         cout << "dae ae ju traeligt va\n";
18     }else{
19         cout << "haer talar vi rikssvenska\n";
20     }
21 }
```

Python Solution

```
1 words = input().split()
2 count = 0
3 total = 0
4 ▼ for word in words:
5     total += 1
6     if "ae" in word:
7         count += 1
8 if((float(count) / total) >= 0.4):
9     print("dae ae ju traeligt va")
10 ▼ else:
11     print("haer talar vi rikssvenska")
```


Solutions from yall

<https://go.osu.edu/cpckattis>

Kattis QnA

- Kattis **Help** tab has tutorials and supported languages
- Submit with extension, .py .cpp .java .c
- Submission Status
 - Accepted (AC)
 - Wrong Answer (WA)
 - Compile Error (CE)
 - Time Limit Exceeded (TLE)
 - Run Time Error (RTE)
 - Memory Limit Exceeded (MLE)

How to take in input

```
for(n times){
```

```
    Take in input from each line
```

```
}
```

```
while(next != 0){
```

```
    Take in input from each line
```

```
}
```

Sample Input 3

```
3
Raise your right hand.
Lower your right hand.
Simon says raise your left hand.
```



Sample Input 1

```
AGCT AGCTAGCT
AAA AAAAAAAAAA
AGC TTTTGT
0
```



Kattis Time

Finally!

Discord

go.osu.edu/cpcdiscord
discord.gg/WmPGNRV



GroupMe

go.osu.edu/cpcgroupme



Kattis Contest Link

go.osu.edu/cpckattisnew

Attendance Form

go.osu.edu/cpcattendanceform

