## 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

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Details

Closed

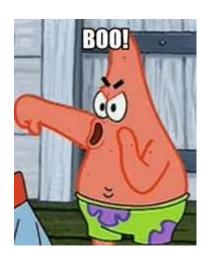
## Calling all graphic designers

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
А	Tyler Hagerman
В	Shyamal Shah
С	
D	Team Banana Bread
E	Nathan Rogers
F	Michael Appugliese



## 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**

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

### C++ Solution

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

### Python Solution

```
words = input().split()
     count = 0
    total = 0
4 ▼ for word in words:
       total += 1
        if "ae" in word:
             count += 1
   if((float(count) / total) >= 0.4):
        print("dae ae ju traeligt va")
10 ▼ else:
        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

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

#### Sample Input 1

```
AGCT AGCTAGCT

AAA AAAAAAAAA

AGC TTTTGT

0
```

## **Kattis Time**

Finally!

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

GroupMe





Kattis Contest Link go.osu.edu/cpckattisnew

Attendance Form go.osu.edu/cpcattendanceform

