

## A Text-Processing Warmup ★

Problem

Submissions

Leaderboard

Discussions

You made this submission 44 minutes ago.

Score: 10.00 Status: Accepted

People who solved A Text-Processing Warmup attempted this next:

### Byte The Correct Apple

What's in a name - which Apple are we talking about?

Solve Challenge


NEED HELP?

 [View discussions](#)

 [View top submissions](#)

### Submitted Code

Language: Python 3

 Open in editor

```
1 #!/usr/bin/env python3
2 # -*- coding: utf-8 -*-
3
4 import sys
5 import re
6
7 def count_element(line):
8     delimiters = re.compile(r'[.,;:\s]')
9     words = delimiters.split(line)
10    #print(words)
11
12    # Number of "a"
13    print(words.count('a')+words.count('A'))
14
15    # Number of "an"
```

Problem Submissions Leaderboard Discussions Editorial

You made this submission 43 minutes ago.

Score: 40.00 Status: Accepted

People who solved Expand the Acronyms attempted this next:

## Guess the Flipkart Query


Given the name of a product listed on Flipkart, identify which of ten given queries, led to it.

Solve Challenge

NEED HELP?


 [View discussions](#)

 [View editorial](#)

 [View top submissions](#)

### Submitted Code

Language: Python 3

 Open in editor

```
1 import re
2 import sys
3
4 ndocs = int(sys.stdin.readline().strip())
5 docs = []
6 acronyms = []
7 for i in range(ndocs):
8     docs.append(sys.stdin.readline().strip())
9 for i in range(ndocs):
10     acronyms.append(sys.stdin.readline().strip())
11
12 def findAcronyms_(text, abrv):
13     name = ""
14     i = re.search(abrv, text).start() - 2
15     ch = text[i:(i+1)]
16     return name + ch
```

## Language Detection ★

Points: 278.62 Rank: 3339

Problem Submissions Leaderboard Discussions

You made this submission an hour ago.

Score: 23.44 Status: **Wrong Answer**

### Submitted Code

Language: Java 8

[Open in editor](#)

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scanner = new Scanner(System.in);
8
9         StringBuffer buffer = new StringBuffer();
10
11         while (scanner.hasNextLine()) {
12             buffer.append(scanner.nextLine());
13         }
14
15         System.out.println(getGuessedLanguage(buffer.toString()));
16     }
```

### NEED HELP?

[View discussions](#)

[View top submissions](#)

Correct the Search Query | Hackerrank

hackerrank.com/challenges/correct-the-search-query/submissions/code/417354828

Prepare

Artificial Intelligence

Natural Language Processing

Correct the Search Query

Correct the Search Query ★

Points: 278.62 Rank: 3339

Problem

Submissions

Leaderboard

Discussions

You made this submission 3 days ago.

Score: 50.00 Status: Accepted

People who solved Correct the Search Query attempted this next:

Deterministic Url and HashTag Segmentation

Segmenting Domain Names and Twitter HashTags into English language words.

Solve Challenge

Submitted Code

Language: Python 3 [Open in editor](#)

```
1 import difflib
2
3 def correct_query(query, word_list):
4     words = query.split()
5     corrected_words = []
6     for word in words:
7         if word in word_list:
8             corrected_words.append(word)
9         else:
10            closest_match = difflib.get_close_matches(word, word_list, n=1)
11            if closest_match:
12                corrected_words.append(closest_match[0])
13            else:
14                corrected_words.append(word)
15    return ' '.join(corrected_words)
```

NEED HELP?

[View discussions](#)

[View top submissions](#)

### Problem

- A word in from the provided lexicon/dictionary
- An integer or decimal number.

Line: 58 Col: 1

Submit Code

## Disambiguation: Mouse vs Mouse ★

Problem

Submissions

Leaderboard

Discussions

You made this submission 3 days ago.

Score: 30.34 Status: Accepted

People who solved Disambiguation: Mouse vs Mouse attempted this next:

### Language Detection

Detect the language for a given snippet of text.

Solve Challenge

#### Submitted Code

Language: Python 3

[Open in editor](#)

```
1 def classify_mouse_context(sentence):
2     computer_keywords = ["input device", "click", "scroll", "computer", "USB", "wireless", "keyboard", "monitor"]
3     animal_keywords = ["tail", "fur", "cheese", "rodent", "genome", "postnatal", "development"]
4
5     sentence_lower = sentence.lower()
6
7     for keyword in computer_keywords:
8         if keyword in sentence_lower:
9             return "computer-mouse"
10
11     for keyword in animal_keywords:
12         if keyword in sentence_lower:
13             return "animal"
```

#### NEED HELP?

[View discussions](#)

[View top submissions](#)

## Who is it? ★

Problem Submissions Leaderboard Discussions

You made this submission 30 minutes ago.

Score: 50.00 Status: Accepted

People who solved **Who is it?** attempted this next:

### To be or what to be, that is the question

Build a small feature of a Grammar Processor!

[Solve Challenge](#)

NEED HELP?

[View discussions](#)

[View top submissions](#)

#### Submitted Code

Language: Python 3

[Open in editor](#)

```
1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2 # Enter your code here. Read input from STDIN. Print output to STDOUT
3 import sys
4 import re
5
6 person = set(["she", "him", "his", "she", "her"])
7
8 texts = sys.stdin.readlines()
9 texts = [text.strip() for text in texts]
10 texts = [text for text in texts if text]
11 N = len(texts)
12 nouns = texts[-1].split(',')
13 texts = texts[1:-1]
14
15 corpus = ''.join(texts)
```

