

Day 28: RegEx, Patterns, and Intro to



Problem Submissions Leaderboard Discussions Editorial Tutorial

Objective

Today, we're working with regular expressions. Check out the Tutorial tab for learning materials and an instructional video!

Submitted 24283 times Max Score 30

Task

Need Help?

Consider a database table, *Emails*, which has the attributes *First Name* and *Email ID*. Given rows of data simulating the *Emails* table, print an alphabetically-ordered list of people whose email address ends in .

Input Format

The first line contains an integer, , total number of rows in the table.

Each of the subsequent lines contains space-separated strings denoting a person's first name and email ID, respectively.

Constraints

- •
- Each of the first names consists of lower case letters only.
- · Each of the email IDs consists of lower case letters, and only.
- The length of the first name is no longer than 20.
- The length of the email ID is no longer than 50.

Output Format

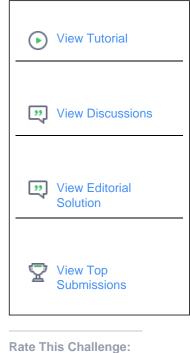
Print an alphabetically-ordered list of first names for every user with a gmail account. Each name must be printed on a new line.

Sample Input

```
6
riya riya@gmail.com
julia julia@julia.me
julia sjulia@gmail.com
julia julia@gmail.com
samantha samantha@gmail.com
tanya tanya@gmail.com
```

Sample Output

```
julia
julia
riya
samantha
tanya
```



Download problem statement

Download sample test cases

Suggest Edits



Current Buffer (saved locally, editable)

1 #!/bin/python3

2 import sys
4 import re

5 p = re.compile(".+@gmail\.com\$")

```
first_name_list = []

N = int(input().strip())

for a0 in range(N):

firstName, emailID = input().strip().split(' ')

firstName, emailID = [str(firstName), str(emailID)]

if p.match(emailID):
    first_name_list.append(firstName)

first_name_list.sort()

for first_name in first_name_list:
    print(first_name)
```

Line: 16 Col: 22

Upload Code as File Test against custom input Run Code

Congrats, you solved this challenge!

Challenge your friends:

☐ Test Case #0 ☐ Test Case #1 ☐ Test Case #2

Next Challenge

You've earned 30.00 points. You are now 1 challenge away from the gold level for your 30 days of code badge.

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