



Practice ▾ Tutorials ▾ 30 Days of Code ▾ Day 28: RegEx, Patterns, and Intro to Databases

COMPETE

JOBS

LEADERBOARD

1 more challenge to get your gold badge!  
Days of  
Code



1

joel\_h\_healy ▾

Your Day 28: RegEx, Patterns, and Intro to Databases submission got 30.00 points. [Share](#)

[Tweet](#)

You are now 1 challenge away from the gold level for your 30 days of code badge.

[Try the Next Challenge](#)

# Day 28: RegEx, Patterns, and Intro to Databases ▾

by [AvmnuSng](#)

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!

### Task

Submitted 24283 times  
Max Score 30

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
```

View Tutorial

View Discussions

View Editorial Solution

View Top Submissions

Rate This Challenge:

☐☐☐☐☐

[Download problem statement](#)

[Download sample test cases](#)

[Suggest Edits](#)



Current Buffer (saved locally, editable) ☐ ☐ Python 3 ☐ ☐ ☐

```
1  #!/bin/python3
2
3  import sys
4  import re
5
6  p = re.compile( ".+@gmail\.com$" )
```

```
7 first_name_list = []
8 N = int(input().strip())
9 for a0 in range(N):
10     firstName,emailID = input().strip().split(' ')
11     firstName,emailID = [str(firstName),str(emailID)]
12     if p.match(emailID):
13         first_name_list.append(firstName)
14 first_name_list.sort()
15 for first_name in first_name_list:
16     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.