

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

## Objective

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

## Task

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

## Input Format

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

Each of the  $N$  subsequent lines contains 2 space-separated strings denoting a person's first name and email ID, respectively.

## Constraints

- $2 \leq N \leq 30$
- Each of the first names consists of lower case letters  $[a - z]$  only.
- Each of the email IDs consists of lower case letters  $[a - z]$ , @ 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
```