



Using Github and Github Organization in Programming 1

How we Use Github

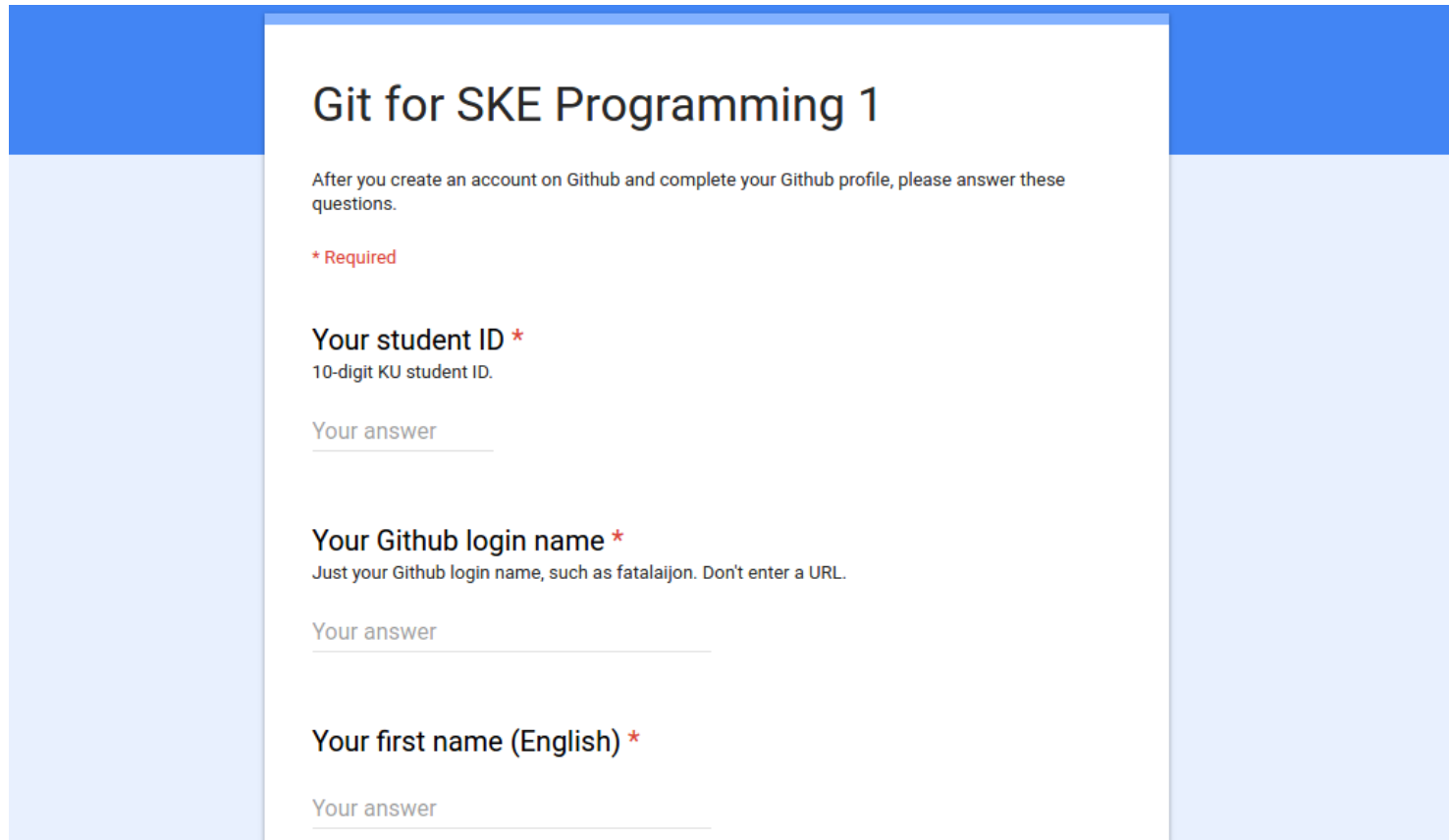
- Submit some labs and quizzes
- Submit Programming Project
- Used for **everything** in OOP2.

Complete a sign-up form:

<https://goo.gl/cwrBbW>

Tell us your Github login!

Answer some simple questions about **git**.



Git for SKE Programming 1

After you create an account on Github and complete your Github profile, please answer these questions.

* Required

Your student ID *
10-digit KU student ID.

Your answer

Your Github login name *
Just your Github login name, such as fatalaijon. Don't enter a URL.

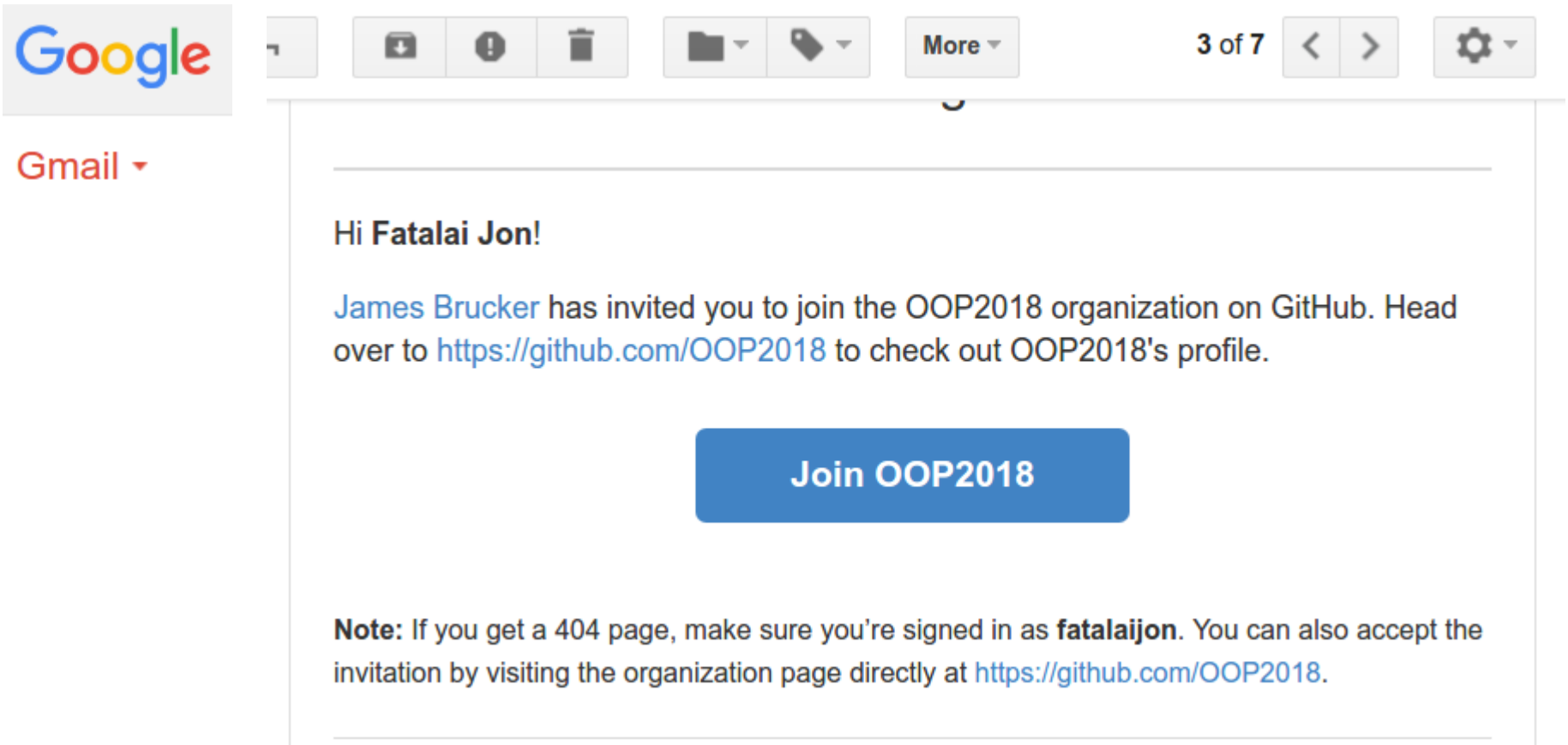
Your answer

Your first name (English) *

Your answer

Receive invitation to join OOP2018

You must join this organization to receive starter code for assignments and quizzes.



The image shows a screenshot of a Gmail interface. At the top left is the Google logo, and below it is the Gmail logo. The email header shows "3 of 7" and navigation arrows. The main content of the email is an invitation from James Brucker to join the OOP2018 organization on GitHub. A prominent blue button labeled "Join OOP2018" is centered in the email. Below the button is a note providing instructions on how to accept the invitation, including a link to the organization's GitHub profile.

Hi Fatalai Jon!

James Brucker has invited you to join the OOP2018 organization on GitHub. Head over to <https://github.com/OOP2018> to check out OOP2018's profile.

Join OOP2018

Note: If you get a 404 page, make sure you're signed in as **fatalaijon**. You can also accept the invitation by visiting the organization page directly at <https://github.com/OOP2018>.

You're a member of "OOP2018"

Github Organization for students in this course, and next semester, too.

Example: Github organization from OOP last year.

Why a Github Organization?

1. We use the organization to create assignments for you.
 - > Faster than creating your own repository, and avoids errors.
 - > Repository may contain starter code and instructions
2. Github creates a repository for you!
3. Just **clone** the repository and go to work.

Demo in class

Demo using Github organization to start an assignment.

1. Go to assignment URL (given by instructor)
2. Accept the assignment.
 - Github will create a repository for you.
3. Go to the repository, using URL.
4. Clone the repository.
5. Do the assignment on your computer. "commit" your code to your local repository.
6. "git push" your code back to Github.

Personal Github vs Github Organization

Some assignments you will upload to your **own Github account**.

Example: a repo named **ske-restaurant** on Github.
"push" your HW1 (SKE Restaurant code) to this repo.

The URL looks like:

<https://github.com/yourname/ske-restaurant>

On your local computer, the project can **have any name you want**. It does **not** have to be "ske-restaurant".

Personal Github vs Github Organization

For other assignments, we create a repository for you using the **Github Organization**.

The repository is located in Organization account instead of your account. But you can still "push" to it.

URL looks like:

<https://github.com/OOP2018/assignment1-yourname>

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Assignment

<https://cpske.github.io/programming1/coding/code-improvement-assignment>