



Using Github and Github Organization in this Course

How we Use Github

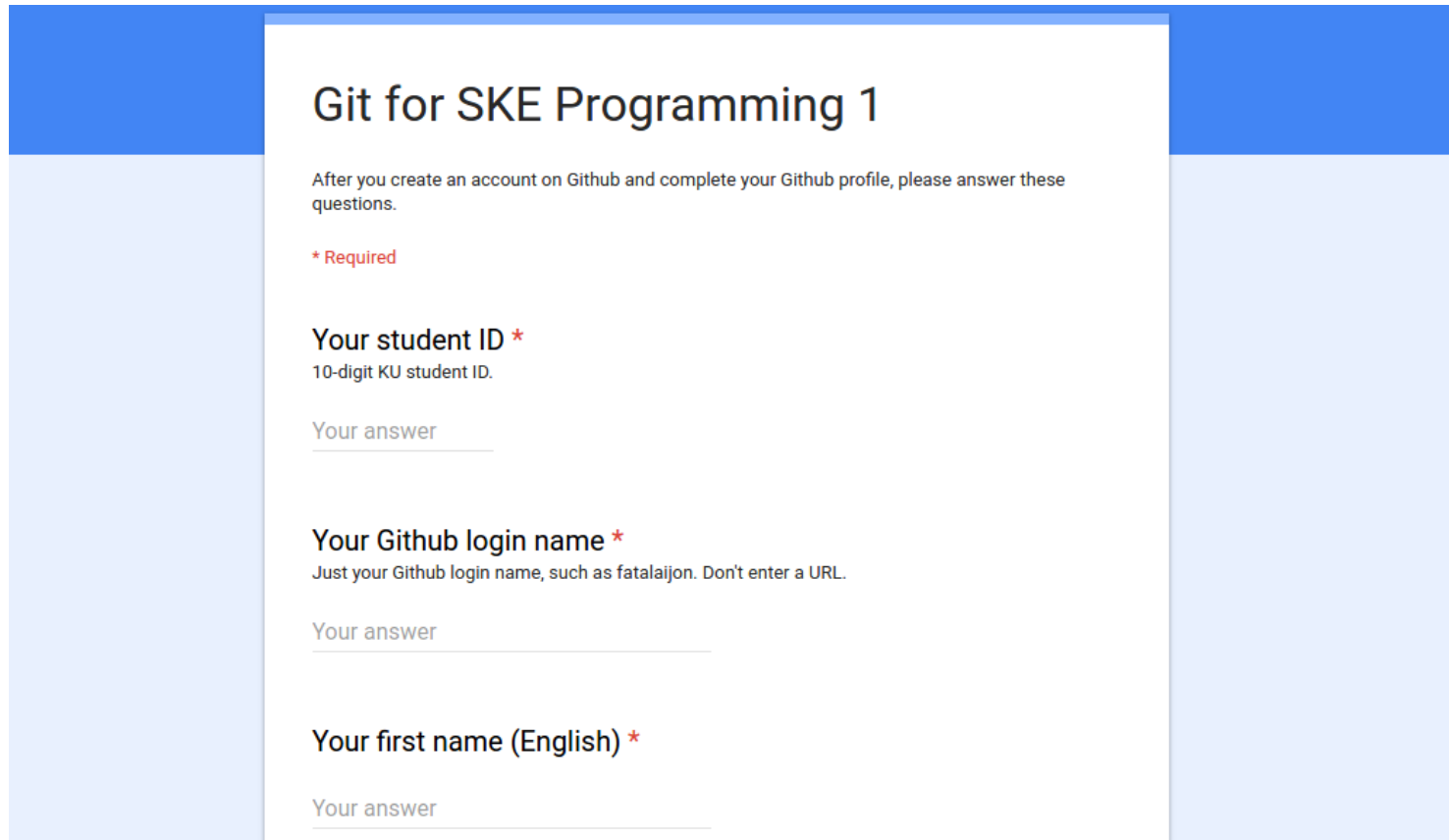
- Submit some labs and quizzes
- Submit Programming Project
- Used for **everything** in OOP2.

Complete a sign-up form:

<https://goo.gl/cwrBbW>

Tell us your Github login!

Answer some simple questions about **git**.



The image shows a screenshot of a web form titled "Git for SKE Programming 1". The form is set against a light blue background with a darker blue header. The text on the form reads: "After you create an account on Github and complete your Github profile, please answer these questions." Below this, there is a red asterisk and the word "Required". The first question is "Your student ID *", with a subtext "10-digit KU student ID." and a text input field labeled "Your answer". The second question is "Your Github login name *", with a subtext "Just your Github login name, such as fatalaijon. Don't enter a URL." and a text input field labeled "Your answer". The third question is "Your first name (English) *", with a text input field labeled "Your answer".

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.

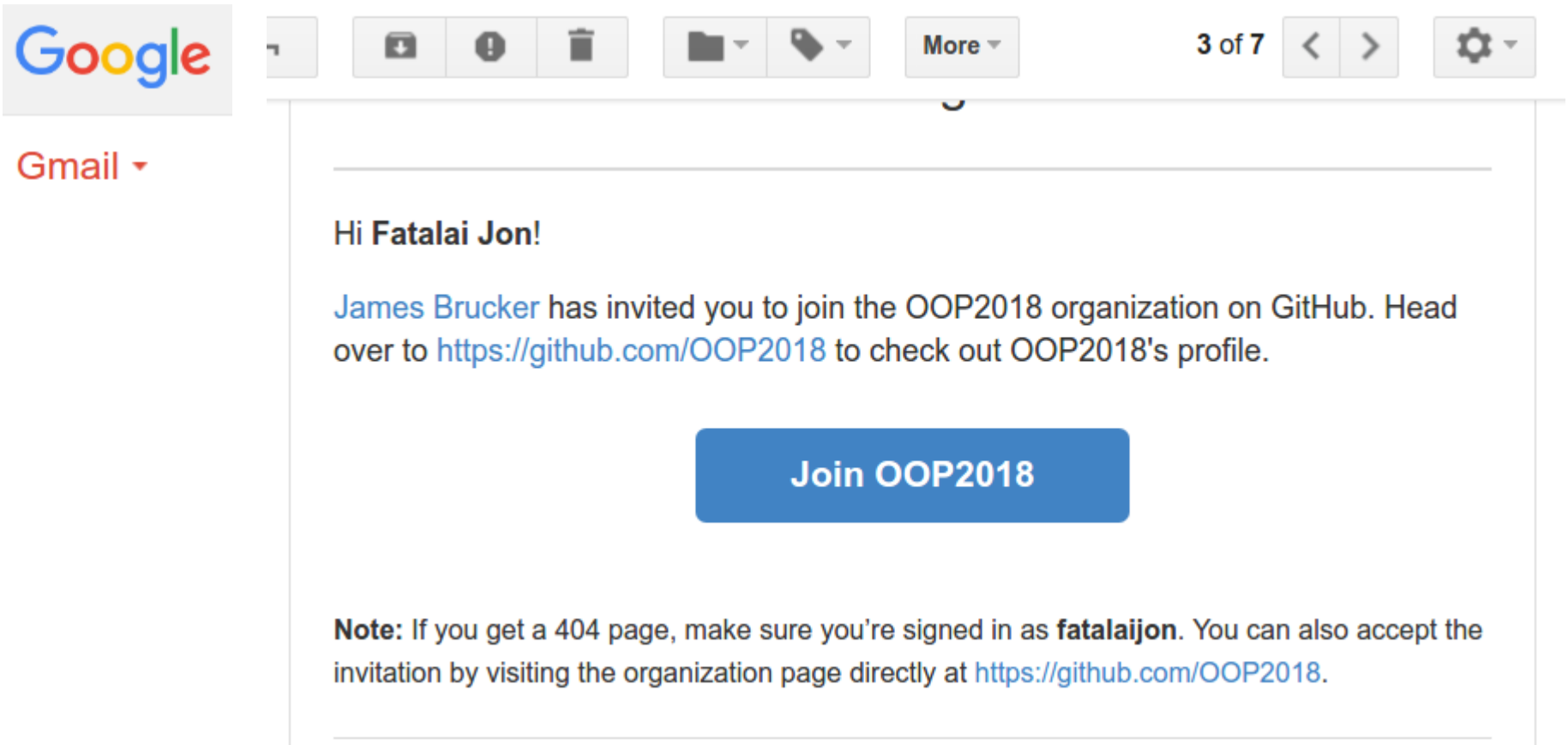
Your answer

Your first name (English) *

Your answer

Receive invitation to join OOP2018

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



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 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>