

Homework Zero

IE 582 - Fall 2020

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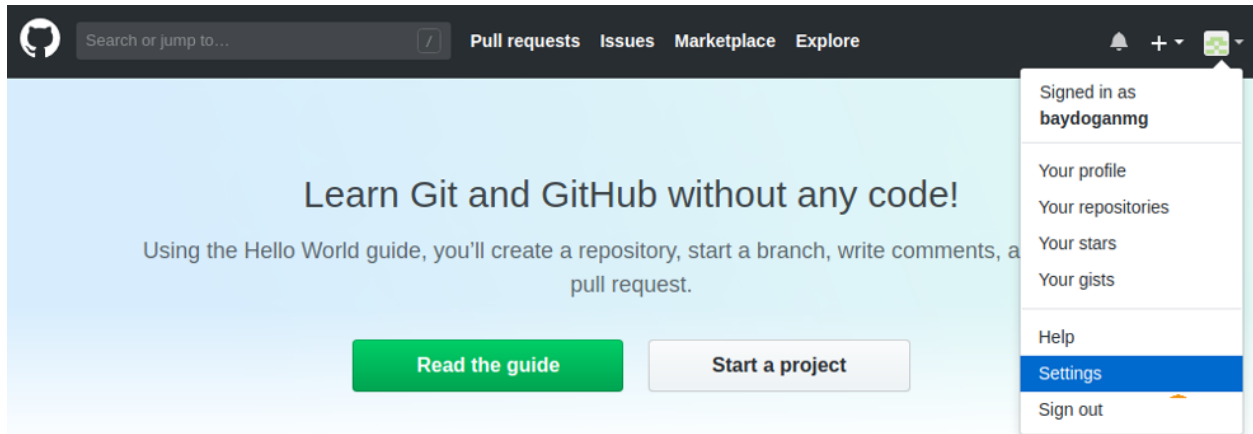
1 Contributors

This document is originally prepared by Berk Orbay (berkorbay@gmail.com) and customized by Mustafa Gokce Baydogan (mustafa.baydogan@boun.edu.tr) for education purposes. The screenshots to illustrate the steps can be outdated as they were prepared for Fall 18 semester. Some of the menu items shown on the screenshots may have been changed by Github. However the tasks are still doable, use the the related forum topic on Moodle in case you have questions/problems. This homework assumes that you have R and RStudio installed.

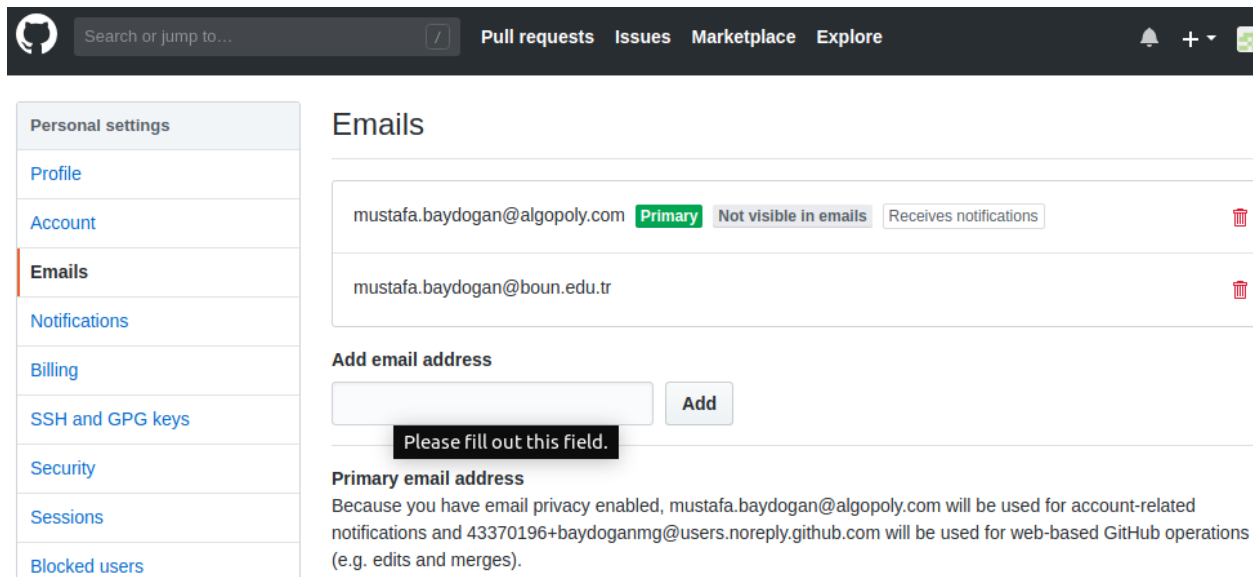
2 Step 0: Create a GitHub Account and Accept Homework Link

1. Open github.com
2. Create an account.
3. If you already created one, add your @boun.edu.tr email to the email addresses.

Example screenshot.



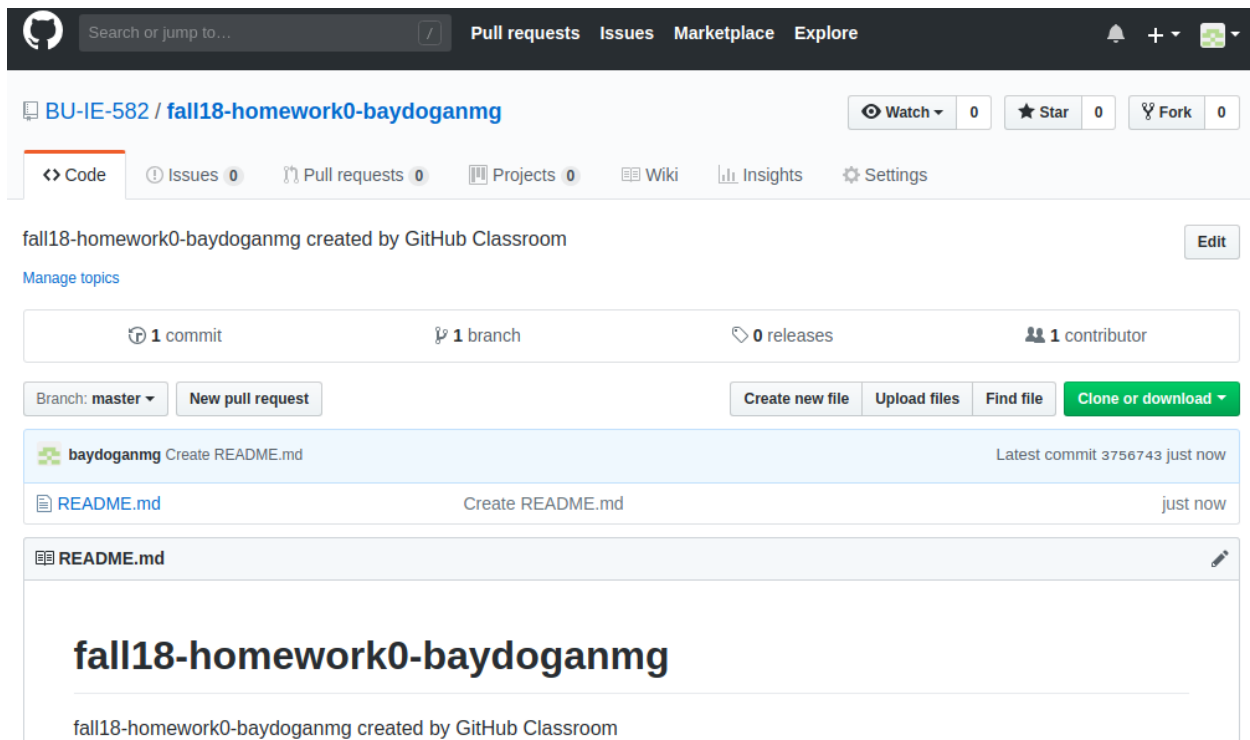
Example screenshot.



4. Enter the link to the browser and create your repository from there.

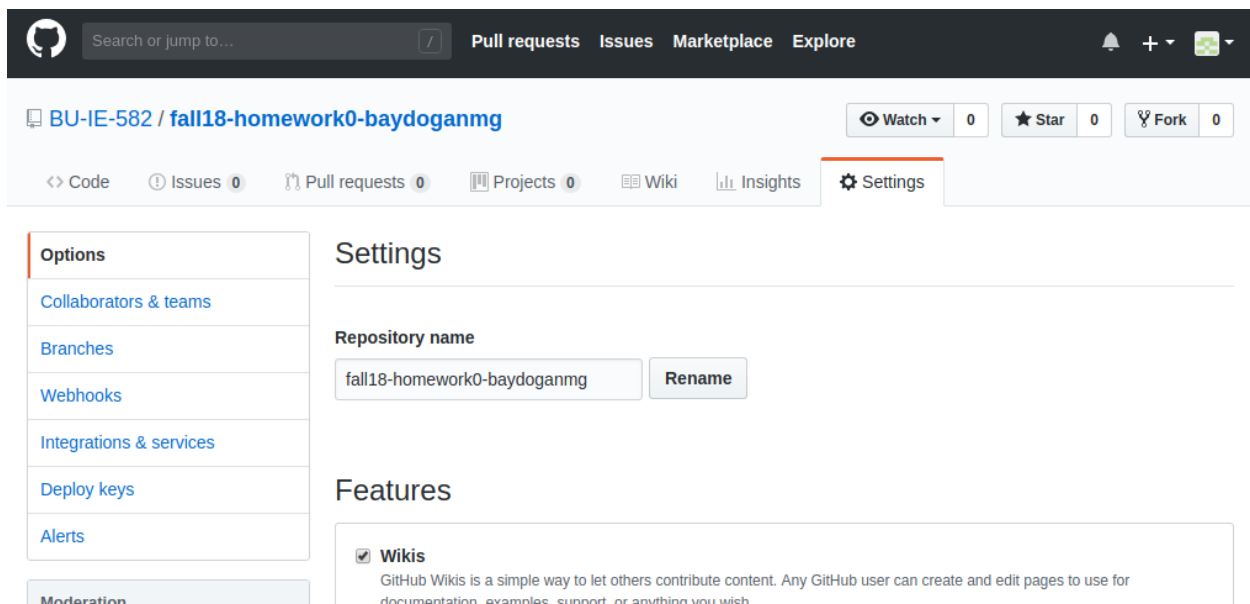
The link: <https://classroom.github.com/a/AcaJb60N>

Your repository will be BU-IE-582/fall20-<YOURUSERNAME>



3 Step 1: Set Up Your GitHub Pages Website

1. You are going to this only once. Go to your repository. Click on Settings.



3. Scroll down to GitHub Pages. Click on dropdown button, choose master branch and a theme for your page. Click save.

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository.

[Learn more.](#)

master branch ▾

Save

Theme Chooser

Select a theme to build your site with a Jekyll theme using the master branch. [Learn more.](#)

Choose a theme

4. Wait for the confirmation. Refresh in a minute or two.

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

✓ Your site is published at <https://bu-ie-582.github.io/fall18-homework0-baydoganmg/>

Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Save

Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Your site is currently using the Cayman theme.

Change theme

5. Visit your webpage to check if your template page is there.

fall18-homework0-baydoganmg

fall18-homework0-baydoganmg created by GitHub Classroom

[View on GitHub](#)

Welcome to GitHub Pages

You can use the [editor on GitHub](#) to maintain and preview the content for your website in Markdown files.

Whenever you commit to this repository, GitHub Pages will run [Jekyll](#) to rebuild the pages in your site, from the content in your Markdown files.

Markdown

Markdown is a lightweight and easy-to-use syntax for styling your writing. It includes conventions for

```
Syntax highlighted code block
```

4 Step 2: Download GitHub Desktop or GitKraken and Clone Your Repository

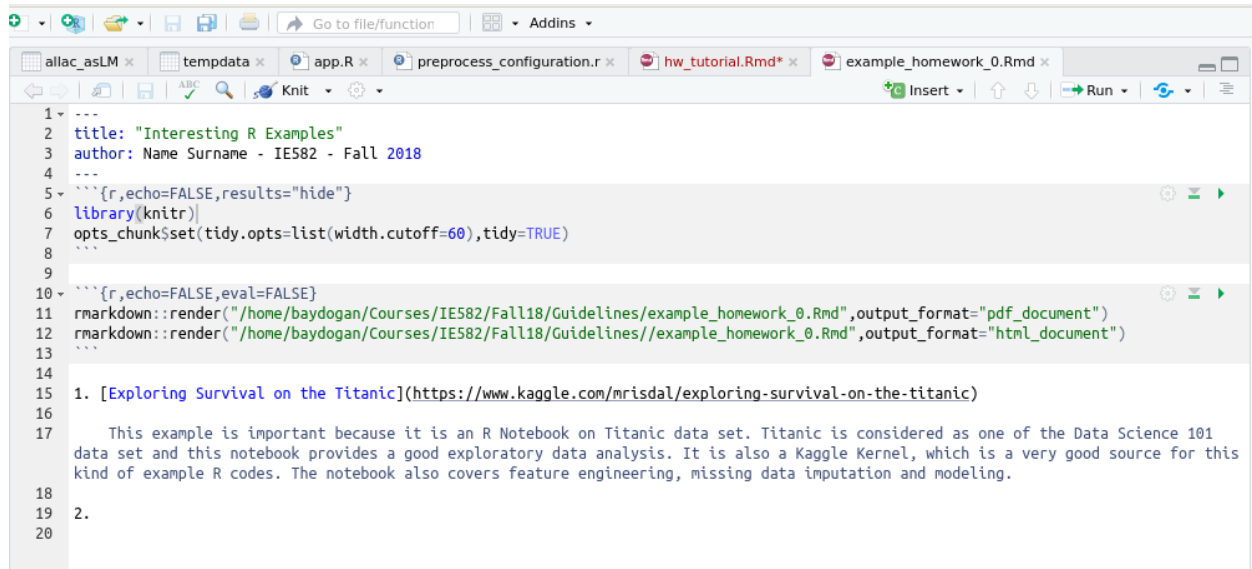
1. Visit [GitHub Desktop website](#), download (Mac/Windows) and install. GitHub Desktop is not available for Linux distributions. I would recommend [GitKraken](#) which is multi-platform.
2. GitHub Desktop instructions: Open GH Desktop and login. Clone your repository to your computer. Locate your repository. It will include starter files if there is any.
3. GitKraken instructions: Open GitKraken. Sign-in with GitHub in welcome screen. Authorize using your browser. You can follow the instruction in the [link](#) and clone your repository to your computer. It will include starter files if there is any.

If you have trouble in performing these tasks, you can have a look at the following YouTube Tutorials: [GH](#) and [GitKraken](#)

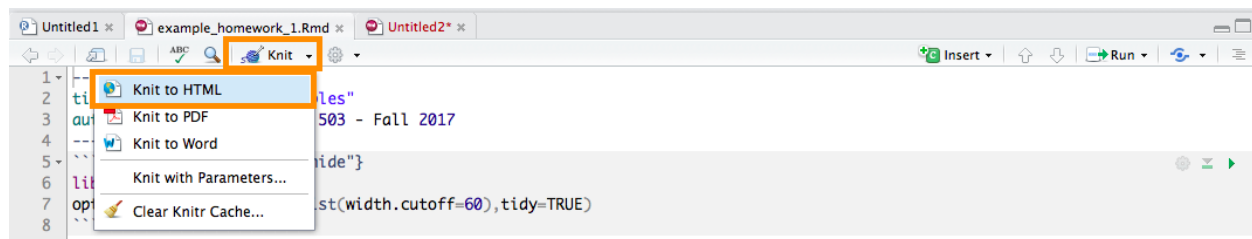
You are expected to see the contents of your GitHub repository in your local file system. Please check if you have been able to see repository contents in the related folder.

5 Step 3: Do the Homework

1. Download homework example from [Moodle](#). This will be an Rmd file.



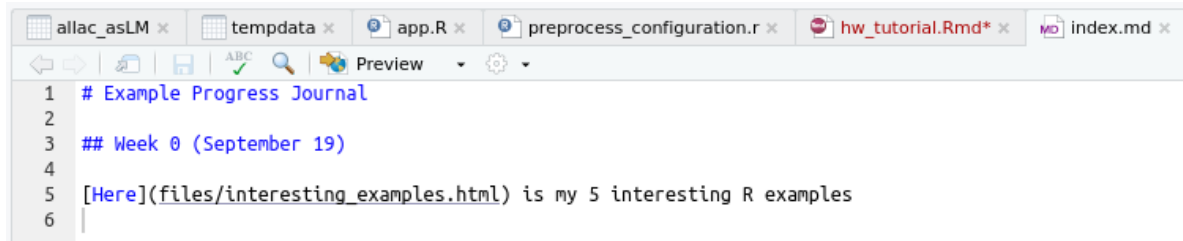
2. Open RStudio as in the screenshot above. Make sure you installed [pandoc](#).
3. Open example homework file, change name surname and fill your five examples.
4. Knit to HTML. Find where you saved the file.



5. Add it under files (create a directory named as “files” under your local repository if you do not have it.). Suppose my homework html file name is interesting_examples.html. Note that you create a repository under your local file systems using Github Desktop or Gitkraken. Go to the directory using your file explorer and create a new directory named “files”. Move to your html file under “files” directory. Github Desktop or Gitkraken will recognize the changes in your local repo. You need to stage the files, commit the changes and push to your Github repo which is online. If you have difficulty in any of these, please watch the videos on the youtube links provided before in the installation part of Github Desktop or Gitkraken.

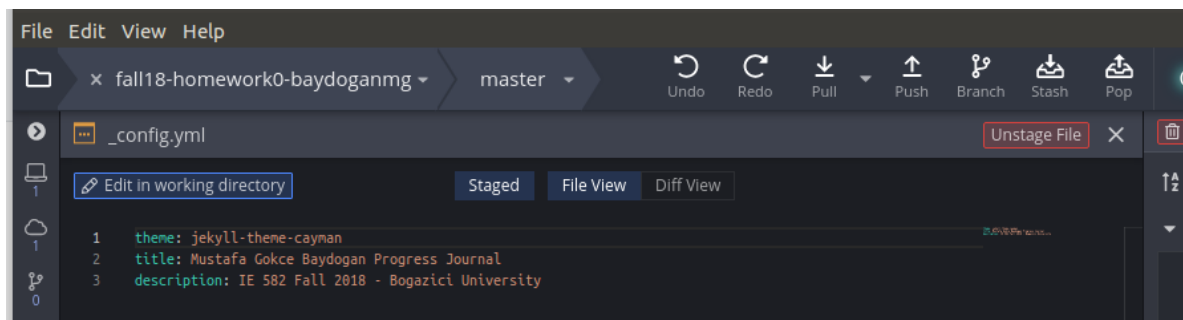
__config.yml	Today 14:35	112 bytes	YAML...cument
files	Today 14:49	--	Folder
interesting_examples.html	Today 14:35	711 KB	HTML
index.md	Today 14:35	123 bytes	Markd...cument

6. Edit your index.md and __config.yml files. (You can use Atom editor or any other text editor including Notepad).
- index.md: make sure your path and file name is correct.



```
1 # Example Progress Journal
2
3 ## Week 0 (September 19)
4
5 [Here](files/interesting_examples.html) is my 5 interesting R examples
6
```

config.yml: make sure you changed name and surname to yours.



```
1 theme: jekyll-theme-cayman
2 title: Mustafa Gokce Baydogan Progress Journal
3 description: IE 582 Fall 2018 - Bogazici University
```

6 Step 4: Commit and Sync

1. No matter which tool you use (i.e. GH Desktop or GitKraken). Click on your repository, you should have some changes.
2. Write something to the commit title. Commit and then sync (make sure you committed all the changes first).
3. You are going to repeat this step every time you changed something in this repository.

7 Step 5: Celebrate!

Congratulations! You just managed to handle Git, GitHub, GitHub Classroom, GitHub Desktop or GitKraken, GitHub Pages and RMarkdown like a boss.

8 Deadline

This homework is due 23:59 of October 29th, 2020. You are expected to create your personal home page as deliverable. Since this site will be online, there is no need for submission. You will be provided a Google Form link in the announcement for this homework on Moodle. Please fill in this form with the required information.

Mustafa Gokce Baydogan Progress Journal

IE 582 Fall 2018 - Bogazici University

[View on GitHub](#)

Example Progress Journal

Week 0 (September 19)

[Here](#) is my 5 interesting R examples

fall18-homework0-baydoganmg is maintained by **BU-IE-582**.

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