

Matrix Computation

2020-1

Byung-Woo Hong



Due Thursday

11:59 PM – Assignment 02

11:59 PM – Assignment 01



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## Quick setup — if you've done this kind of thing before

 Set up in Desktop or HTTPS SSH [https://github.com/phoumithona/matrix\\_computation.git](https://github.com/phoumithona/matrix_computation.git)



Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

## ...or create a new repository on the command line

```
echo "# matrix_computation" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/phoumithona/matrix_computation.git
git push -u origin master
```



## ...or push an existing repository from the command line

```
git remote add origin https://github.com/phoumithona/matrix_computation.git
git push -u origin master
```



## ...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

💡 **ProTip!** Use the URL for this page when adding GitHub as a remote.

colab.research.google.com/notebooks/intro.ipynb#recent=true

Welcome To Colaboratory

File Edit View Insert Runtime Tools Help

Table of contents

- Getting started
- Data science
- Machine learning
- More Resources
- Machine Learning Examples
- Section

## What is Colaboratory?

Colaboratory, or "Colab", is a free, easy-to-use, and secure environment for developing and running machine learning models. It is designed to be a "zero configuration" environment, meaning you can start using it without any setup. It also offers free access to Google Cloud AI Platform, and easy sharing of your work.

Whether you're a student just getting started with machine learning, or a professional looking for a new way to collaborate, Colab is the perfect environment for you.

### Getting started

The document you are reading is a Colab notebook. It is a single document that contains both code and text. You can execute the code in the notebook, and the results will be displayed below the code. For example, here is a code cell that prints the number of seconds in a day:

```
[ ] seconds_in_a_day
seconds_in_a_day
```

86400

To execute the code in the notebook, click the "Run" button (a play icon) or use the keyboard shortcut "Command/Ctrl + Enter".

Variables that you define in the notebook are stored in the notebook's memory. For example, here is a code cell that defines a variable:

```
[ ] seconds_in_a_week
seconds_in_a_week
```

604800

Colab notebooks allow you to combine **executable code** and **rich text** in a single document, along with **images**, **HTML**, **LaTeX** and more. When you create your own Colab notebooks, they are stored in your Google Drive account. You can easily share your Colab notebooks with co-workers or friends, allowing them to comment on your notebooks or even edit them. To learn more, see [Overview of Colab](#). To create a new Colab notebook you can use the File menu above, or use the following link: [create a new Colab notebook](#).

Examples Recent Google Drive Github Upload

Filter notebooks

Title	First opened	Last opened	
Welcome To Colaboratory	0 minutes ago	0 minutes ago	
Assignment 01.ipynb	2 minutes ago	2 minutes ago	

NEW NOTEBOOK CANCEL

colab.research.google.com/drive/1wXvizaG9KFrhCAKlu-HpDiZhmM4H0lw#scrollTo=qr7Ntv9s8qW

Assignment 01.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Table of contents

- Preparation
- Print First String
- Print Second String
- Print Third String
- Section

## Preparation

- Create an account at <https://colab.research.google.com>
- Create a Notebook at colab with your account

## Submission

- Screenshot of the colab page including a Notebook at your account

### Print First String

```
[ ] print('Hello World!')
```

Hello World!

### Print Second String

```
[ ] print('Welcome to Matrix Computation 2020-1')
```

Welcome to Matrix Computation 2020-1

### Print Third String

```
[ ] print('Goodbye World!')
```

Goodbye World!

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