File Management

Part 1

Open/Close

- File manipulation
- open()/close()
- read()/write()
  - Read: r
  - Write: w
  - Append: a
  - Create file: x
  - Open for update: +
- readline(), readlines()

Demo

1. open()
2. close()
3. read()
4. write()
5. readline()
6. readlines()

Testing file import

- Download the demo file
- Try the first code block:

```
from google.colab import drive
drive.mount('/content/drive')
```

- Click on the URL and choose your account
- Give colab permission to use your Drive
  - This only gives it permission for this instance of colab and you'll need to give it permission every time you start using the worksheet
- Copy the authorization code past it in the field in colab

Creating folder to use

- Go to Google drive
- Create a folder called Colab Notebooks if one doesn't already exist

My Drive > Colab Notebooks ▾

- To access this folder you'll need to use path:

```
"/content/drive/My Drive/Colab Notebooks/..."
```