Metadata

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Course:  DS 5100
Module:  14 Python Packages
Topic:   HW Package Booklover
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Date:    11 July 2022
```

Student Metadata

- Name:
- NetID:

Instructions

Follow the recipe we used in class to package the code you wrote for `HW09` -- `booklover.py` and `booklover_test.py`.

Here is the recipe:

- Create a new git repo for your package.
- Create and edit the required files and directories for your package and move the booklover modules there.
- Stage, commit, and push all the files you've created.
- Install your package with pip.
- Outside of your package dir, write a script to test your method.

Put this notebook in your repo. This will allow you to execute bash commands and capture the outpunt directly in the notebook.

TOTAL: 8 POINTS

Q1

(5 points)

Show the directory structure of your repo by running this command from the root of your repo:

```
!ls -lR
```

Q2

(1 point)

Put the URL of your GitHub repo here. Just paste it into a Markdown cell.

URL:

Q3

(1 point)

Show the results of installing your package.

```
!pip install -e .
```

Q4

(1 point)

Create a file outside your repo (one level up) to test your package.

Import the package and run it. Specifically, create a BookLover object, add a book, and then print number books read.

Show the output of running the file below, using a command like the following:

```
!python ../book_lover_demo.py
```