

In [ ]: *#Task 1: show contents of package folders.*

```
bash-4.2$ ls -l -lR
.:
total 24
-rw-r--r-- 1 ymb7fb users 1702 Apr  2 21:50 HW09.ipynb
drwxr-sr-x 2 ymb7fb users 1024 Apr  2 22:00 booklover_package
-rw-r--r-- 1 ymb7fb users 2040 Apr  2 22:00 booklover_test.py
-rw-r--r-- 1 ymb7fb users  306 Apr  2 21:56 setup.py
./booklover_package:
total 12
-rw-r--r-- 1 ymb7fb users  0 Apr  2 21:38 __init__.py
-rw-r--r-- 1 ymb7fb users 1707 Apr  2 21:38 booklover.py
```

In [ ]: *#Task 2: Paste git hub package url.*

<https://github.com/brittnyhopwood/booklover>

In [ ]: *#Task 3: Show the results of successfully installing package.*

```
bash-4.2$ pip install -e .
DEPRECATION: Python 2.7 reached the end of its life on January 1st, 2020. Please upgrade
details about Python 2 support in pip can be found at https://pip.pypa.io/en/latest/dev
Defaulting to user installation because normal site-packages is not writeable
Obtaining file:///sfs/qumulo/qhome/ymb7fb/Documents/MSDS/DS5100/DS5100-2023-01-ymb7fb/b
Installing collected packages: booklover
  Running setup.py develop for booklover
Successfully installed booklover

bash-4.2$ ls -l -lR
.:
total 28
-rw-r--r-- 1 ymb7fb users 1071 Apr  2 22:16 LICENSE
-rw-r--r-- 1 ymb7fb users  78 Apr  2 22:16 README.md
drwxr-sr-x 2 ymb7fb users 1024 Apr  2 22:16 booklover
drwxr-sr-x 2 ymb7fb users 2048 Apr  2 22:29 booklover.egg-info
-rw-r--r-- 1 ymb7fb users 2040 Apr  2 22:16 booklover_test.py
-rw-r--r-- 1 ymb7fb users  306 Apr  2 22:29 setup.py
./booklover:
total 12
-rw-r--r-- 1 ymb7fb users  0 Apr  2 22:16 __init__.py
-rw-r--r-- 1 ymb7fb users 1707 Apr  2 22:16 booklover.py
./booklover.egg-info:
total 16
-rw-r--r-- 1 ymb7fb users 243 Apr  2 22:29 PKG-INFO
-rw-r--r-- 1 ymb7fb users 195 Apr  2 22:29 SOURCES.txt
-rw-r--r-- 1 ymb7fb users  1 Apr  2 22:29 dependency_links.txt
-rw-r--r-- 1 ymb7fb users 10 Apr  2 22:29 top_level.txt
```

In [ ]: *#Task 4: Test package with a demo*

In [ ]: *## I had issues with Rivanna not allowing me to import pandas.*

```
bash-4.2$ python ../booklover_demo.py
Traceback (most recent call last):
```

```
File "../booklover_demo.py", line 1, in <module>
    from booklover import booklover as bl
File "/sfs/qumulo/qhome/ymb7fb/Documents/MSDS/DS5100/DS5100-2023-01-ymb7fb/booklover/
    import pandas as pd
ImportError: No module named pandas
```