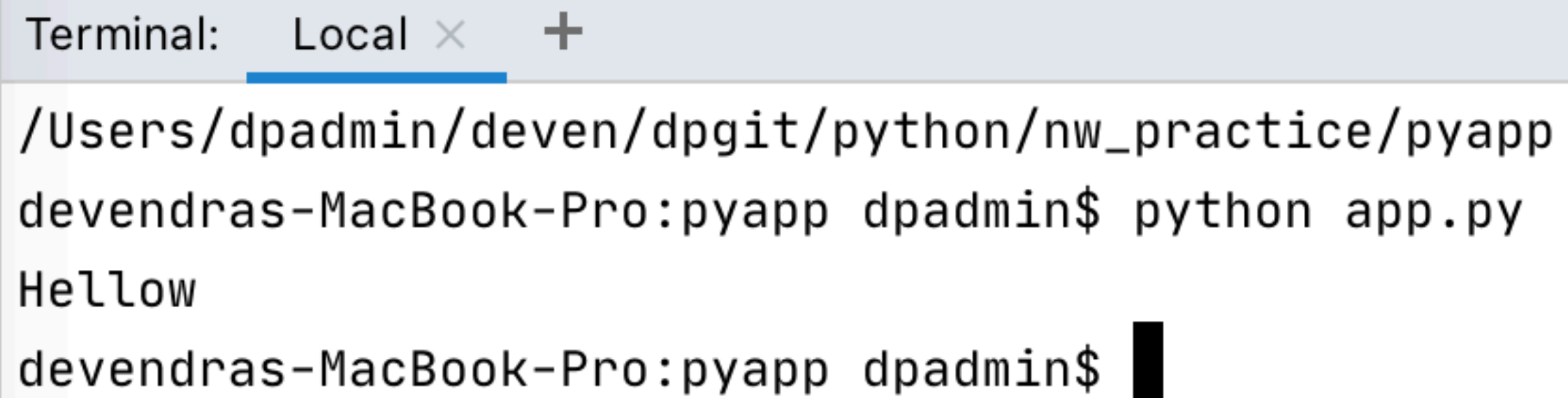


Natwest Python Learning

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first program - Hello World



A terminal window with a light blue title bar containing the text "Terminal: Local" followed by a close button (X) and a plus button (+). The terminal content shows the current directory path, a command to run a Python script, the output of the script, and the prompt for the next command.

```
Terminal: Local × +  
/Users/dpadmin/deven/dpgit/python/nw_practice/pyapp  
devendras-MacBook-Pro:pyapp dpadmin$ python app.py  
Hellow  
devendras-MacBook-Pro:pyapp dpadmin$ █
```

Pushing Program to github.com

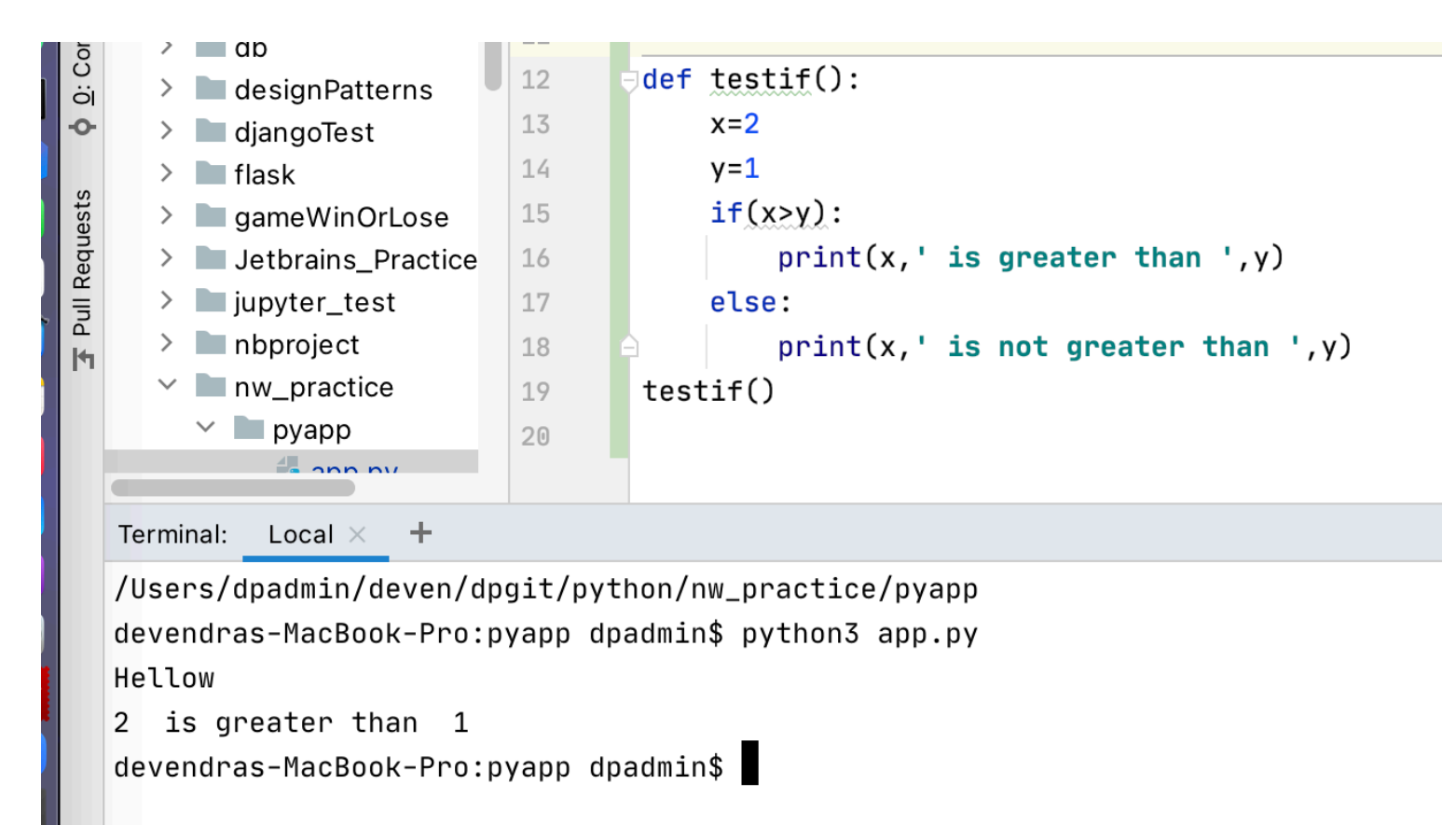
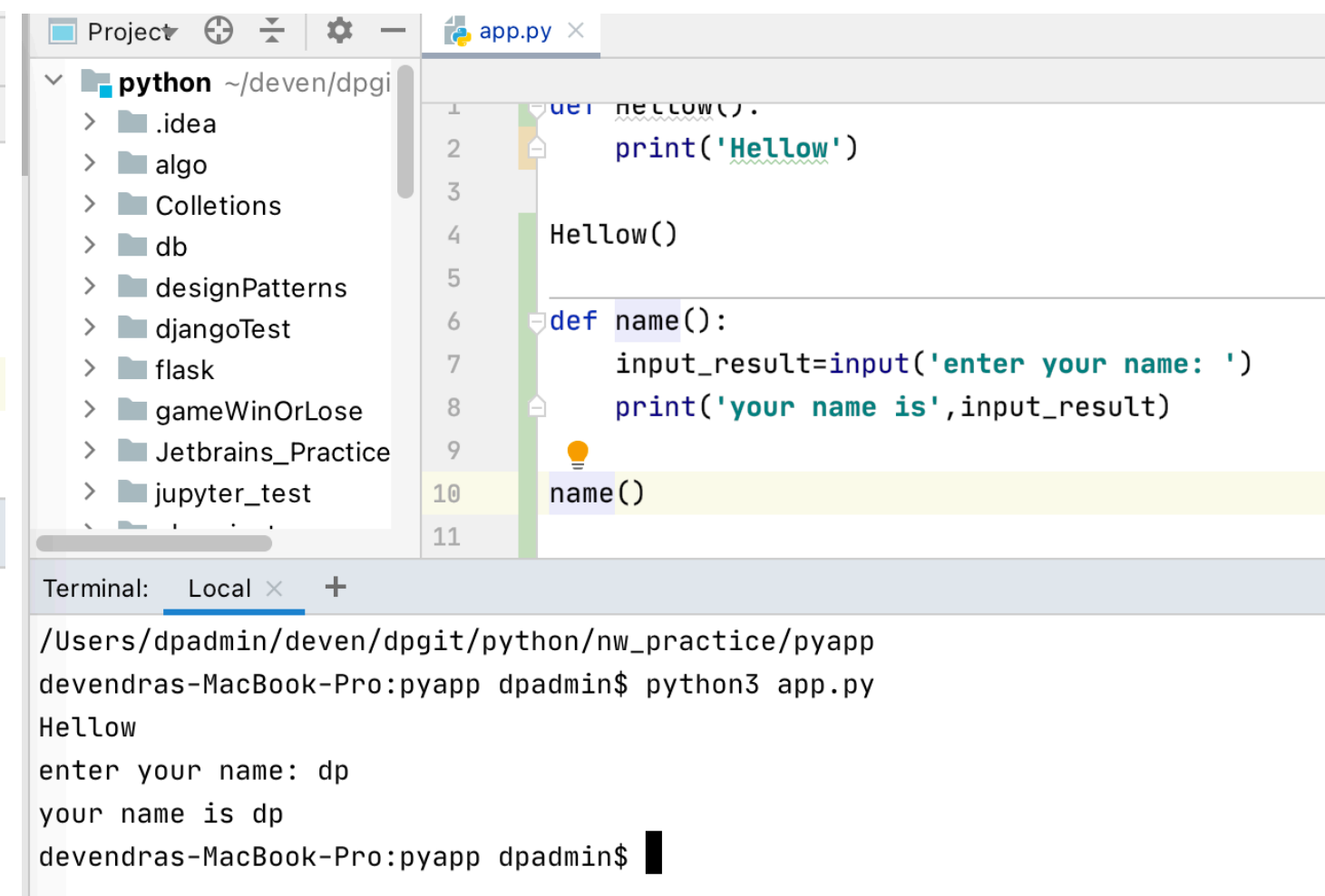
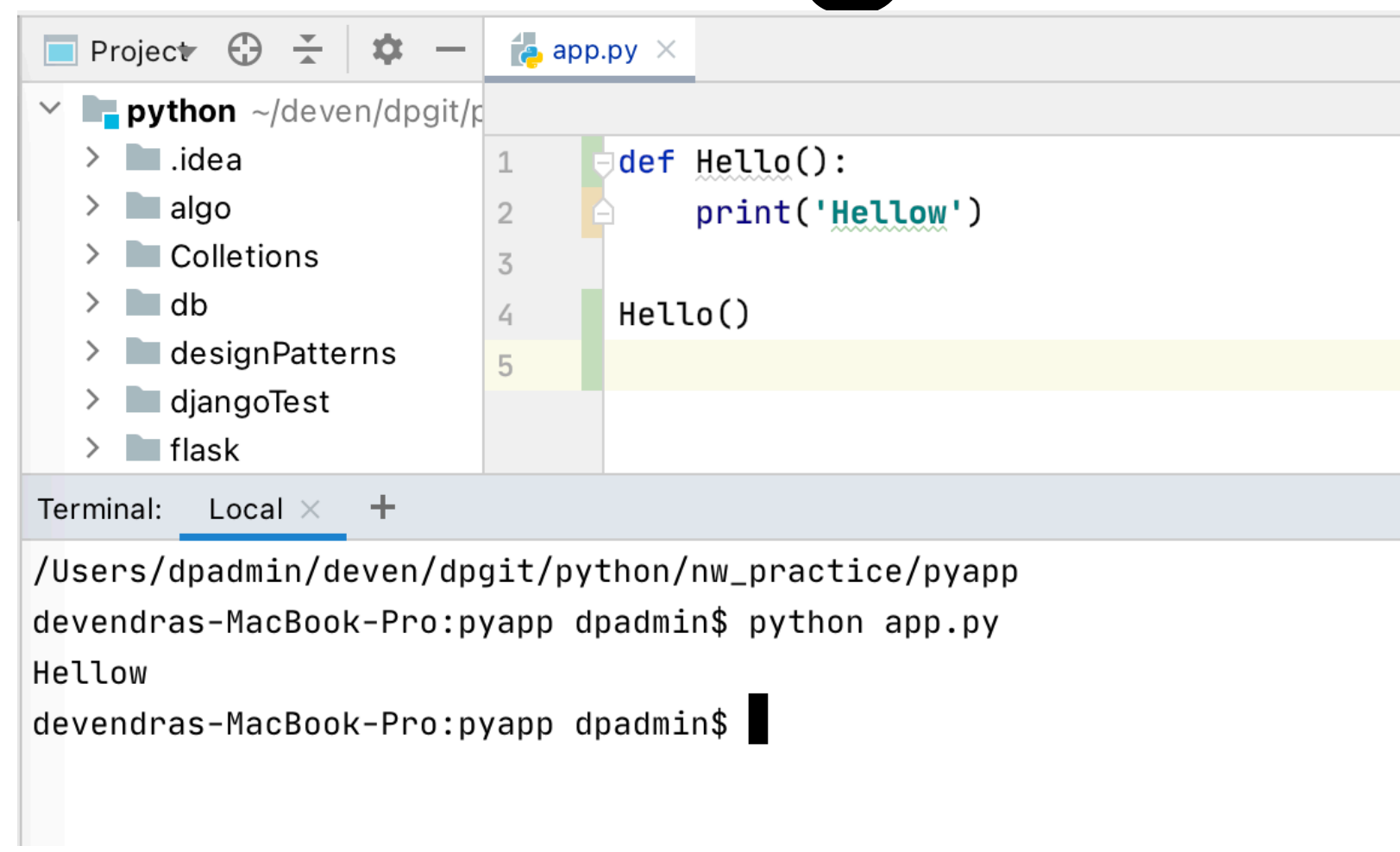
```
new file:   app.py

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   ../../.idea/workspace.xml
        modified:   app.py

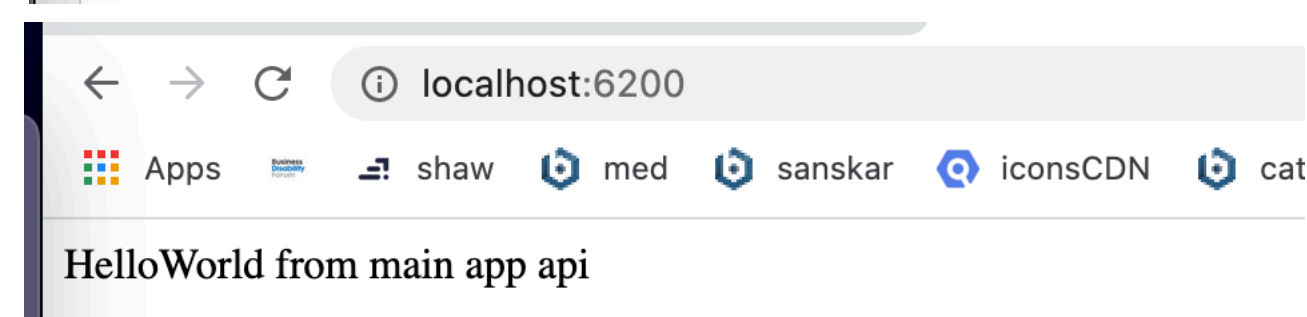
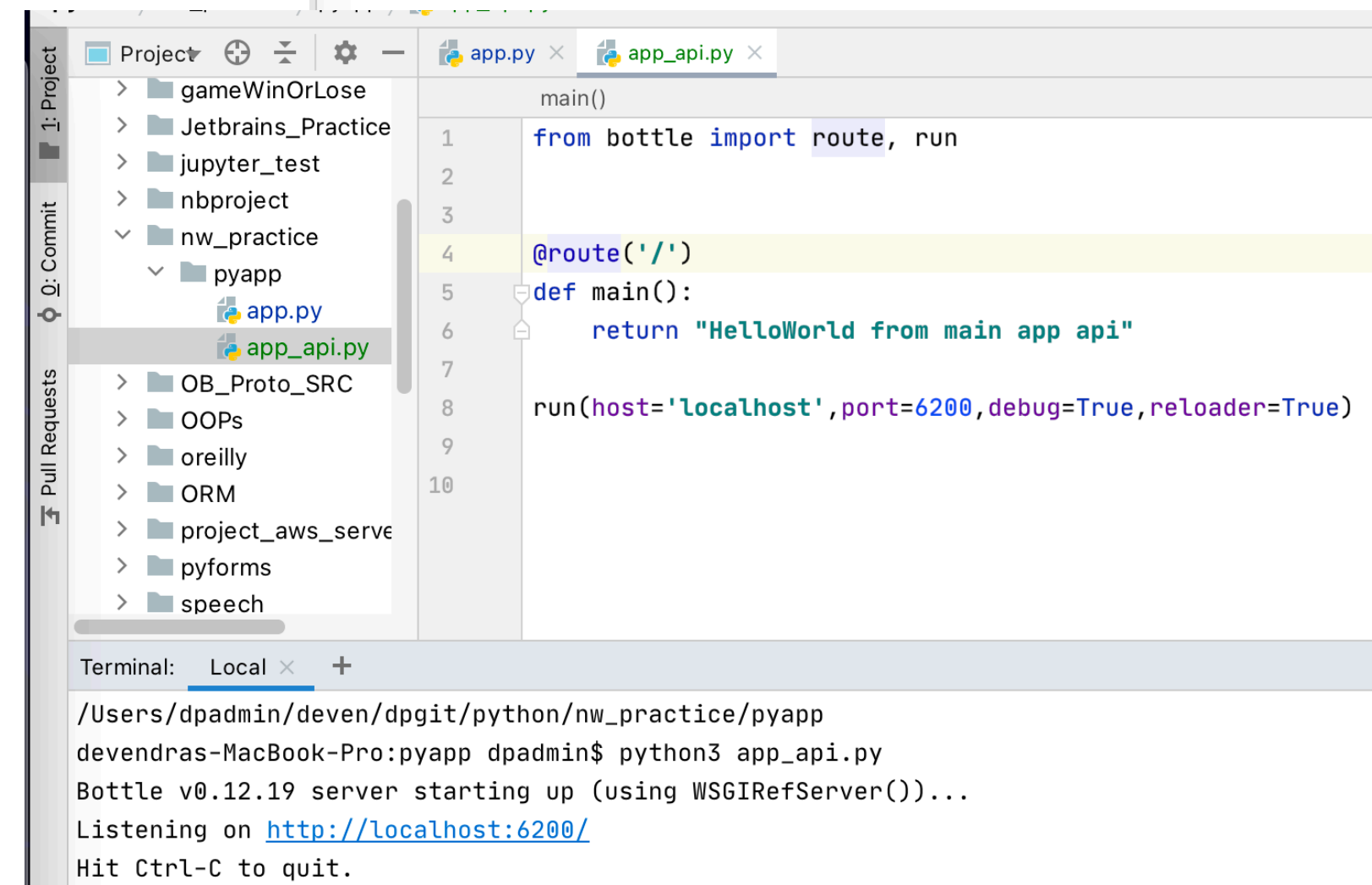
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        ../../oreilly/__pycache__/

devendras-MacBook-Pro:pyapp dpadmin$ git add .
devendras-MacBook-Pro:pyapp dpadmin$ git commit -m 'completed up exercise 2'
[master f82fd59] completed up exercise 2
 1 file changed, 1 insertion(+)
 create mode 100644 nw_practice/pyapp/app.py
devendras-MacBook-Pro:pyapp dpadmin$ git push
remote: Permission to devendraprasad1984/python.git denied to dpribdn.
fatal: unable to access 'https://github.com/devendraprasad1984/python.git/': The requested URL returned error: 403
devendras-MacBook-Pro:pyapp dpadmin$ git config --local credential.helper ""
devendras-MacBook-Pro:pyapp dpadmin$ git push
Username for 'https://github.com': devendraprasad1984@gmail.com
Password for 'https://devendraprasad1984@gmail.com@github.com':
Enumerating objects: 20, done.
Counting objects: 100% (20/20), done.
Delta compression using up to 8 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (15/15), 2.88 KiB | 736.00 KiB/s, done.
Total 15 (delta 6), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (6/6), completed with 5 local objects.
To https://github.com/devendraprasad1984/python.git
   e494462..f82fd59  master -> master
devendras-MacBook-Pro:pyapp dpadmin$
```

running as function



```
devendras-MacBook-Pro:pyapp dpadmin$ pip3 install bottle
Collecting bottle
  Downloading bottle-0.12.19-py3-none-any.whl (89 kB)
    |████████████████████████████████████████| 89 kB 7.7 MB/s
Installing collected packages: bottle
Successfully installed bottle-0.12.19
devendras-MacBook-Pro:pyapp dpadmin$
```



Project
Jetbrains_Practice
jupyter_test
nbproject
nw_practice
pyapp
app.py
app_api.py
app_api_vms

```
1 @route('/')
2
3
4
5
6 def hello():
7     return 'hello world'
8
9 @route('/get_vms')
10 def get_vms_handler():
11     return {"vms": vms}
12
13
14
15 run(host='localhost', port=6200, debug=True, reloader=True)
16
17
18
```

Terminal: Local
/Users/dpadmin/dev/dpgit/python/nw_practice/pyapp
devndras-MacBook-Pro:pyapp dpadmin\$ python3 app_api_vms.py
Bottle v0.12.19 server starting up (using WSGIRefServer())...
Listening on http://localhost:6200/
Hit Ctrl-C to quit.

127.0.0.1 - - [11/Jan/2021 11:08:26] "GET / HTTP/1.1" 200 11
127.0.0.1 - - [11/Jan/2021 11:08:32] "GET /get_vms HTTP/1.1" 200 66

localhost:6200/get_vms

Apps shaw med sanskar iconsCDN cat upavp

```
{
  "vms": [
    {
      "host_name": "gbmacvm01",
      "owner": "dave",
      "qty": "1"
    }
  ]
}
```

GET localhost:6200/get_vms

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE
Key	Value

Body Cookies Headers (4) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "vms": [
3     {
4       "host_name": "gbmacvm01",
5       "owner": "dave",
6       "qty": "1"
7     }
8   ]
9 }
```

POST localhost:6200/new_vms

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

1 [{"host_name": "gbmacvm02", "owner": "devendra", "qty": "3"}]

Body Cookies Headers (4) Test Results


Pretty Raw Preview Visualize JSON

```
1 {
2   "vms": [
3     {
4       "host_name": "gbmacvm01",
5       "owner": "dave",
6       "qty": "1"
7     },
8     {
9       "host_name": "gbmacvm02",
10      "owner": "devendra",
11      "qty": "3"
12     }
13   ]
14 }
15
16
```

```
devndras-MacBook-Pro:python dpadmin$ curl -d '{"host_name": "gbmacvm02", "owner": "devendra", "qty": "3"}' -H "Content-Type: application/json" -X POST http://localhost:6200/new_vms -s
{"vms": [{"host_name": "gbmacvm01", "owner": "dave", "qty": "1"}, [{"host_name": "gbmacvm02", "owner": "devendra", "qty": "3"}]}devndras-MacBook-Pro:python dpadmin$
```


github.com repository link

https://github.com/devendraprasad1984/python/tree/master/nw_practice/pyapp

 devendraprasad1984 / python

Unwatch

1

Star

0

Fork

0

<> Code

! Issues

🔗 Pull requests

🎮 Actions

📁 Projects

📖 Wiki

🛡 Security

📈 Insights


⚙ Settings

🔗 master

python / nw_practice / pyapp /

Go to file


Add file

 devendraprasad1984 cool, final run of exercise is complete

ad032d1 1 minute ago


🕒 History

..

 app.py


bottle lib for making api

1 hour ago

 app_api.py

bottle lib for making api

1 hour ago

 app_api_vms.py

cool, final run of exercise is complete

1 minute ago