

Python Programming II

Practice 03

Jaejin Lee (TA: Jinpyo Kim)

SNU Graduate School of Data Science

Homework submission

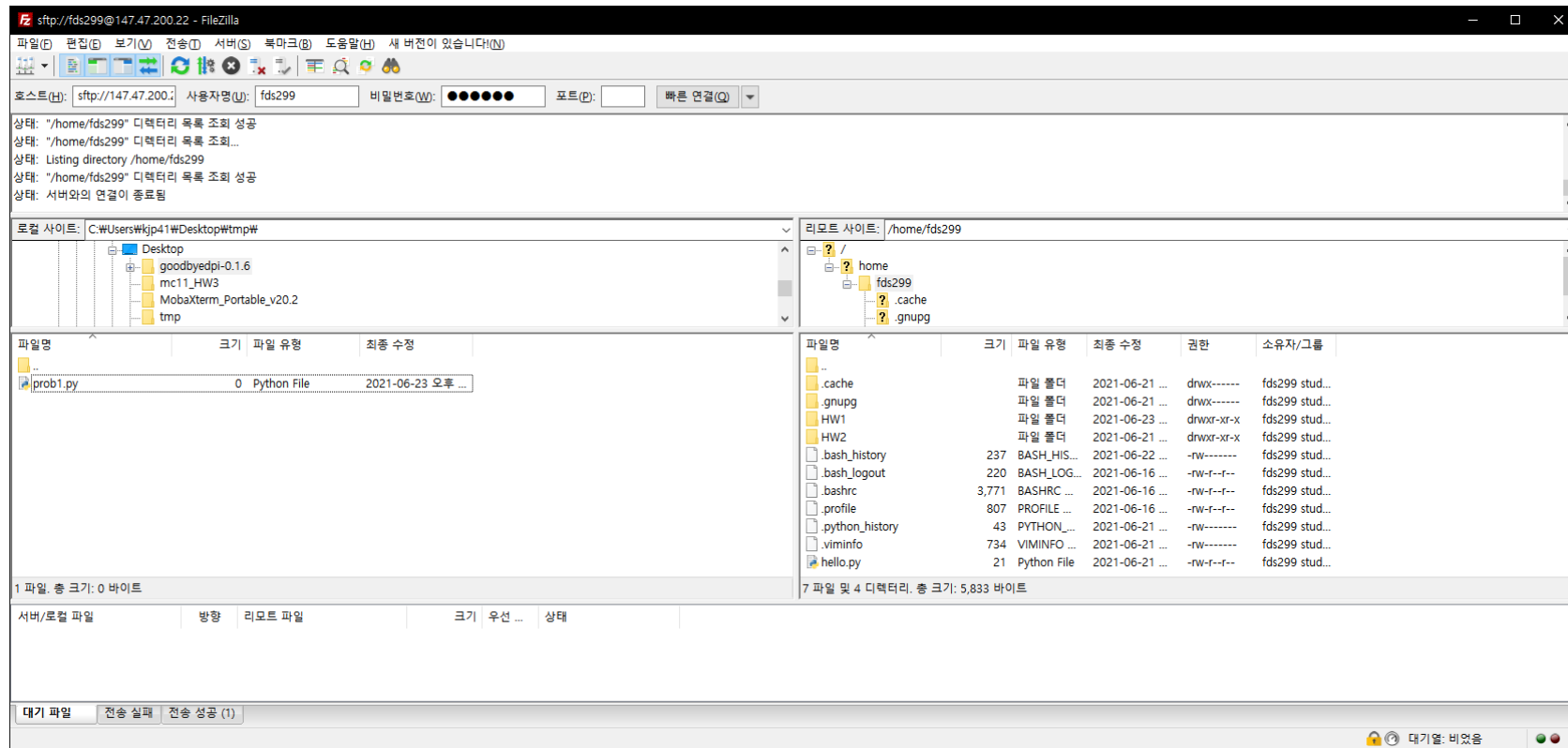
- Write your program on local machine, then upload the files to the server.

or

- Write your program directly on the remote server.
 - Do not modify the source code after deadline.

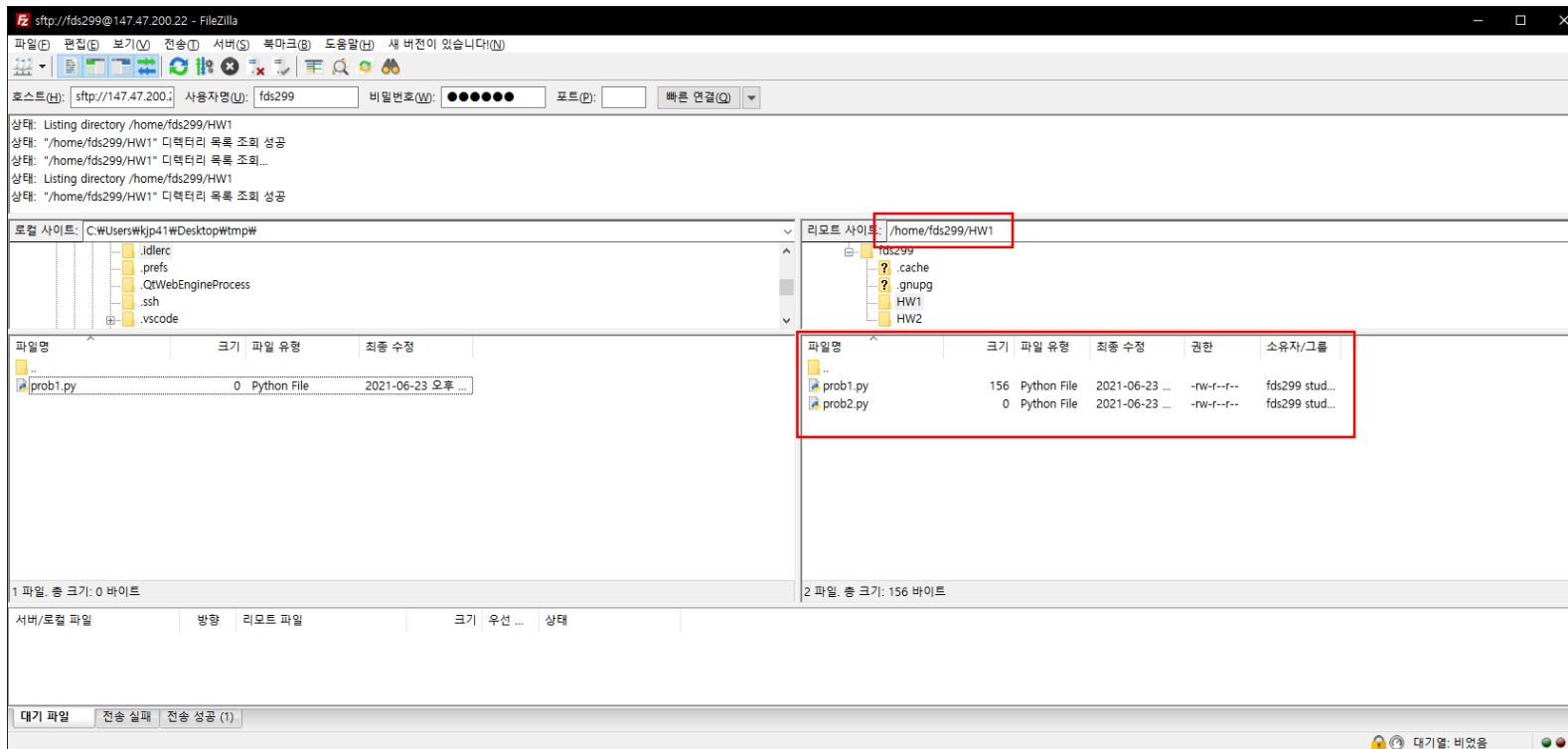
FileZilla

- Program to move files between local and remote server.



Homework submission

- Submission directory: /home/fdsXXX/HW1
 - ex. /home/fds299/HW1
- Two files: prob1.py, prob2.py



Homework submission checklist

- Do not expect TAs will correct your mistake.
- Check the submission directory.
- Check the name of the submission files.
- Make sure the program prints only the required output.
- Make sure your debugging code is removed.

Homework submission checklist

```
fds299@login:~/HW1$ pwd
/home/fds299/HW1
fds299@login:~/HW1$ ls -al
total 8
drwxr-xr-x  2 fds299 student 4096 Jun 23 20:12 .
drwx----- 6 fds299 student 4096 Jun 22 18:03 ..
-rw-r--r--  1 fds299 student    0 Jun 23 20:12 prob1.py
-rw-r--r--  1 fds299 student    0 Jun 23 20:12 prob2.py
fds299@login:~/HW1$ █
```

Method 1

Homework submission checklist

```
fds299@login:~$ ls /home/fds299/HW1/prob1.py
/home/fds299/HW1/prob1.py
fds299@login:~$ ls /home/fds299/HW1/prob2.py
/home/fds299/HW1/prob2.py
fds299@login:~$ ls /home/fds299/HW1/prob3.py
ls: cannot access '/home/fds299/HW1/prob3.py': No such file or directory
fds299@login:~$ █
```

Method 2

Common mistakes 1

- Submission file is in a wrong directory.
 - [O] /home/fds299/HW1
 - [X] /home/fds299/HW_1
 - [X] /home/fds299/hw1
 - [X] /home/fds299/hw
 - [X] /home/fds299/homework1
 - [X] /home/fds299/assignment
 - [X] /home/fds299/Hw1
 - [X] /home/fds299/hw1/hw1
 - [X] /home/fds299/1
 - [X] /home/fds299/A
 - [X] /home/fds299/HW_A

Common mistakes 2

- Submission file has a wrong name.
 - [O] /home/fds299/HW1/prob1.py
 - [X] /home/fds299/HW1/probA.py
 - [X] /home/fds299/HW1/Prob1.py
 - [X] /home/fds299/HW1/prob1.txt
 - [X] /home/fds299/HW1/prob1.ipynb
 - [X] /home/fds299/HW1/porb1.py
 - [X] /home/fds299/HW1/PROB1.py
 - [X] /home/fds299/HW1/p1.py
 - [X] /home/fds299/HW1/1.py
 - [X] /home/fds299/HW1/A.py
 - [X] /home/fds299/HW1/prob_1.py

Common mistakes 3

- Debugging code has not been removed

```
fds299@login:~/HW1$ python3 prob1.py
3
3 6 9 12 15 18 21 24 27
```

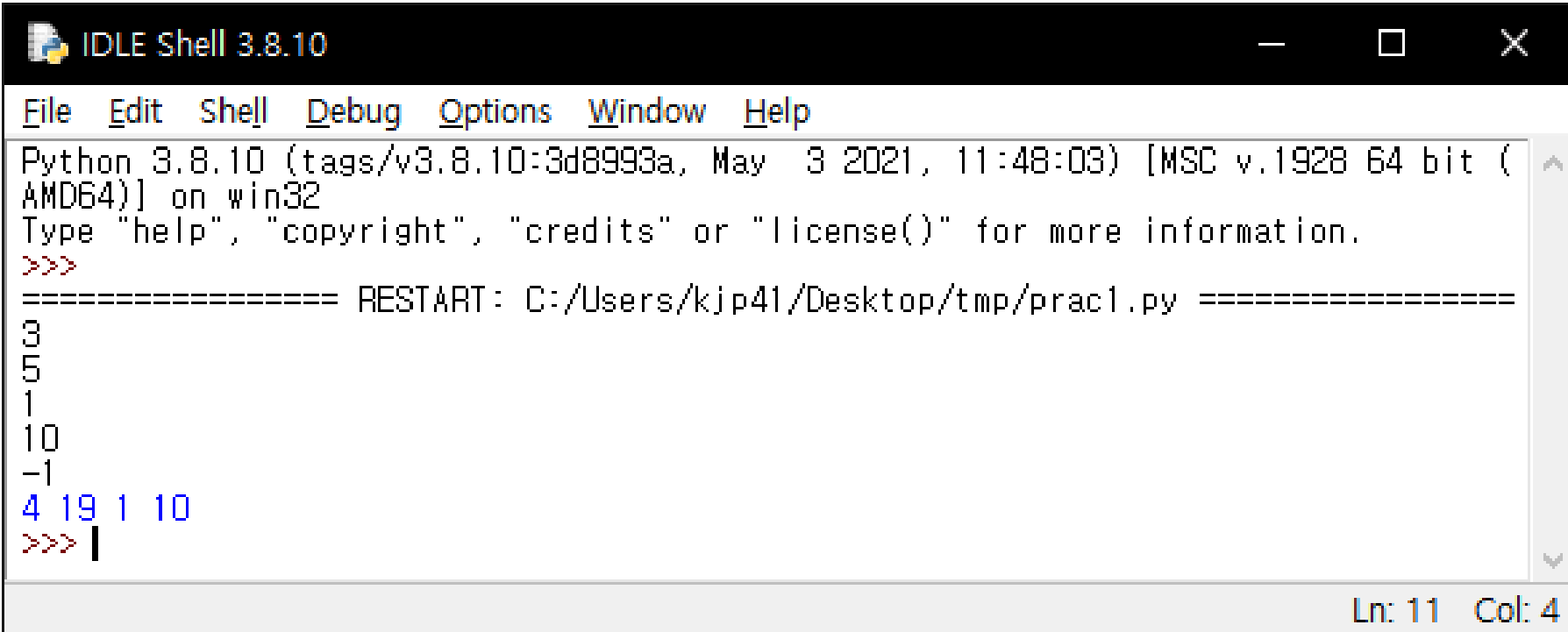
Correct

```
fds299@login:~/HW1$ python3 prob1.py
3
?? You've entered 3
3 6 9 12 15 18 21 24 27
?? Now program ends...
```

Wrong

Problem 1

- Read integers until -1 comes in.
- Print count, sum, maximum, minimum of the integers.

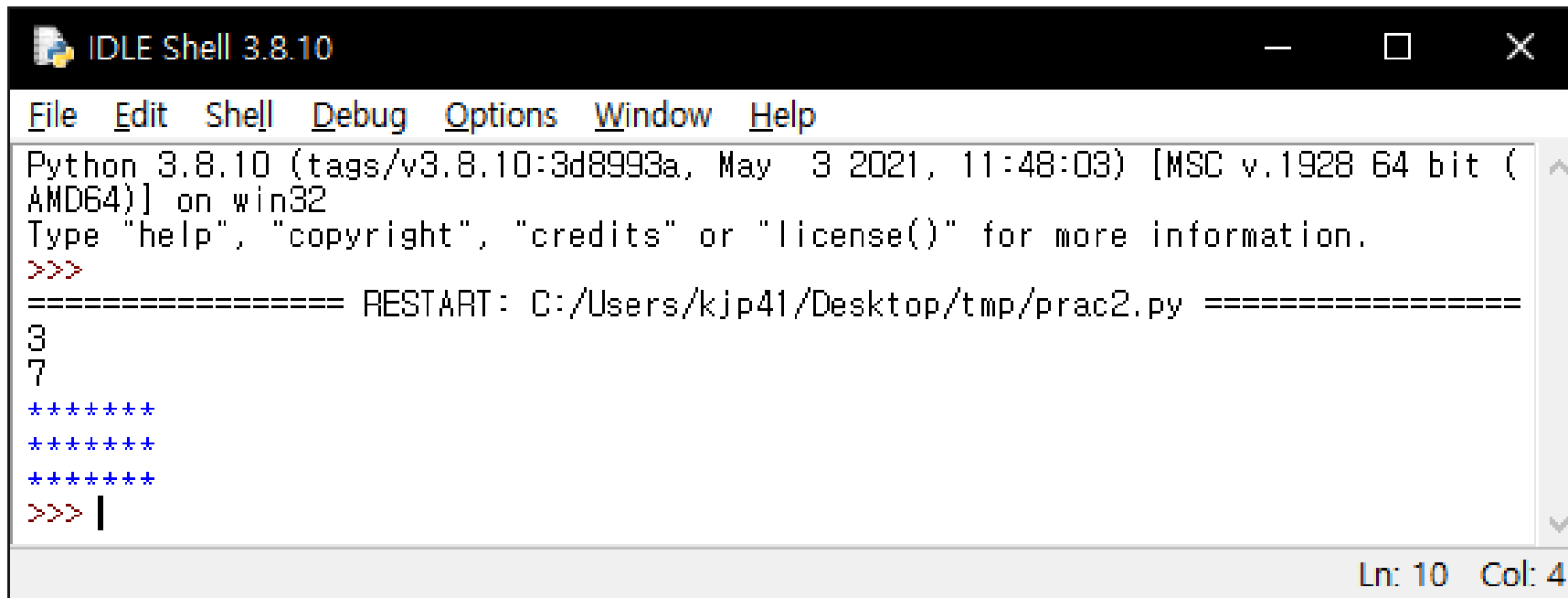


```
File Edit Shell Debug Options Window Help
Python 3.8.10 (tags/v3.8.10:3d8993a, May 3 2021, 11:48:03) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/kjp41/Desktop/tmp/prac1.py =====
3
5
1
10
-1
4 19 1 10
>>> |
```

Ln: 11 Col: 4

Problem 2

- Read two integers R and C.
- Print an R x C rectangle with '*'.



```
File Edit Shell Debug Options Window Help
Python 3.8.10 (tags/v3.8.10:3d8993a, May  3 2021, 11:48:03) [MSC v.1928 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/kjp41/Desktop/tmp/prac2.py =====
3
7
*****
*****
*****
>>> |
```

Ln: 10 Col: 4

Q&A