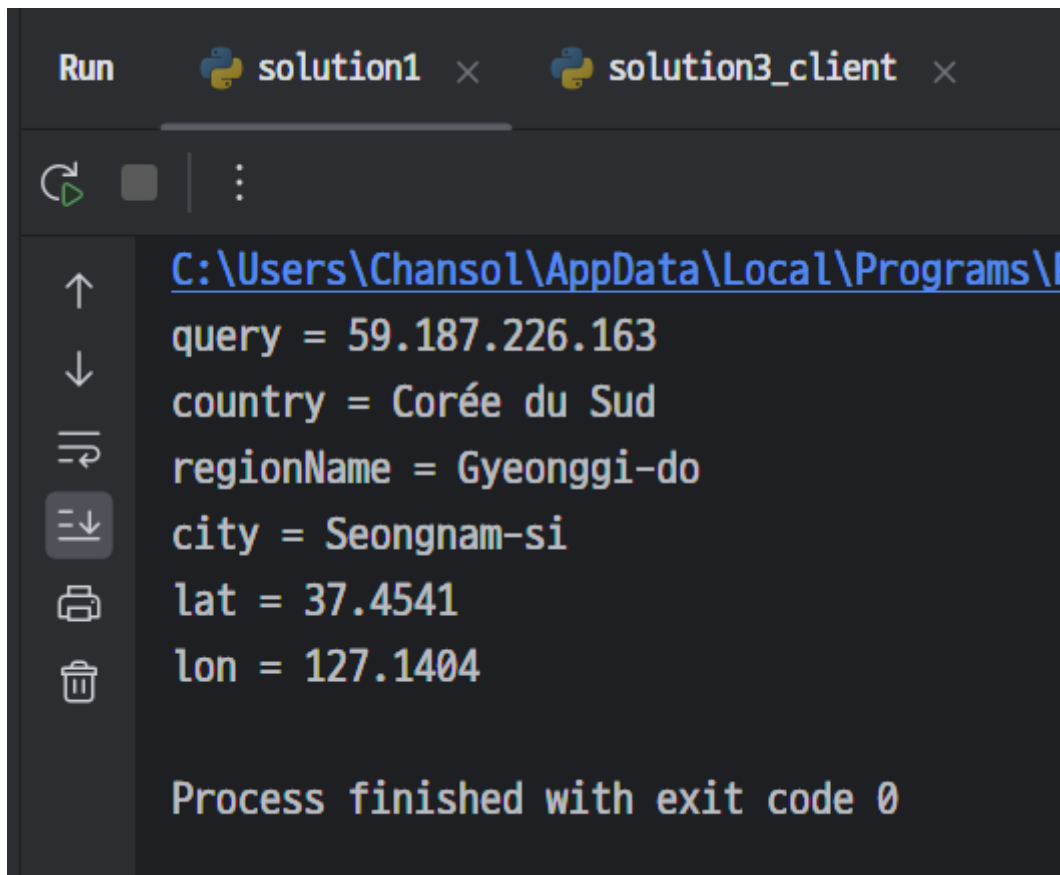


Report

20221494 박찬솔

Problem 1



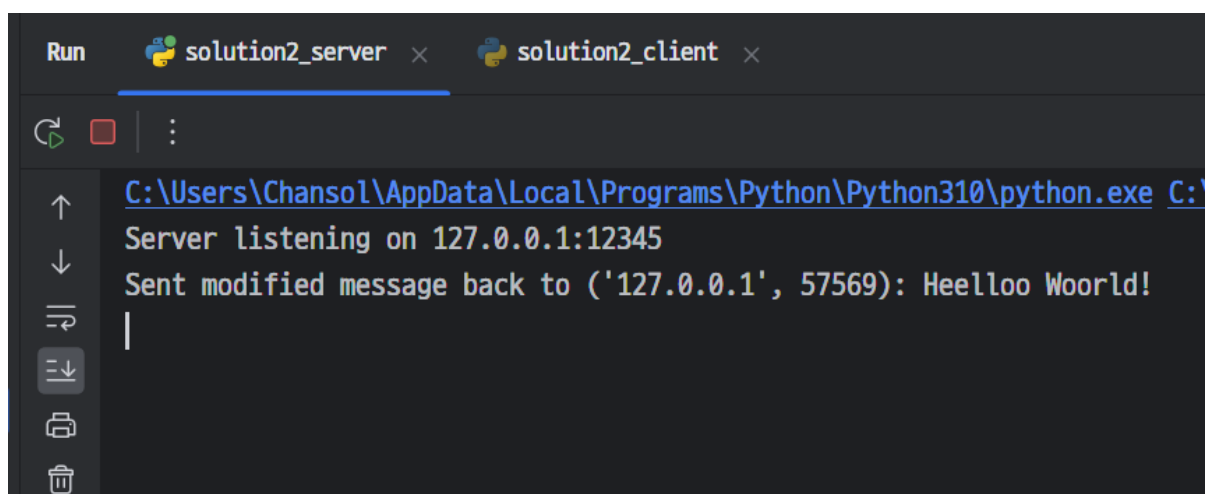
```
Run  solution1 x  solution3_client x

C:\Users\Chansol\AppData\Local\Programs\Python\Python310\python.exe C:\Users\Chansol\AppData\Local\Programs\Python\Python310\python.exe
query = 59.187.226.163
country = Corée du Sud
regionName = Gyeonggi-do
city = Seongnam-si
lat = 37.4541
lon = 127.1404

Process finished with exit code 0
```

Problem 2

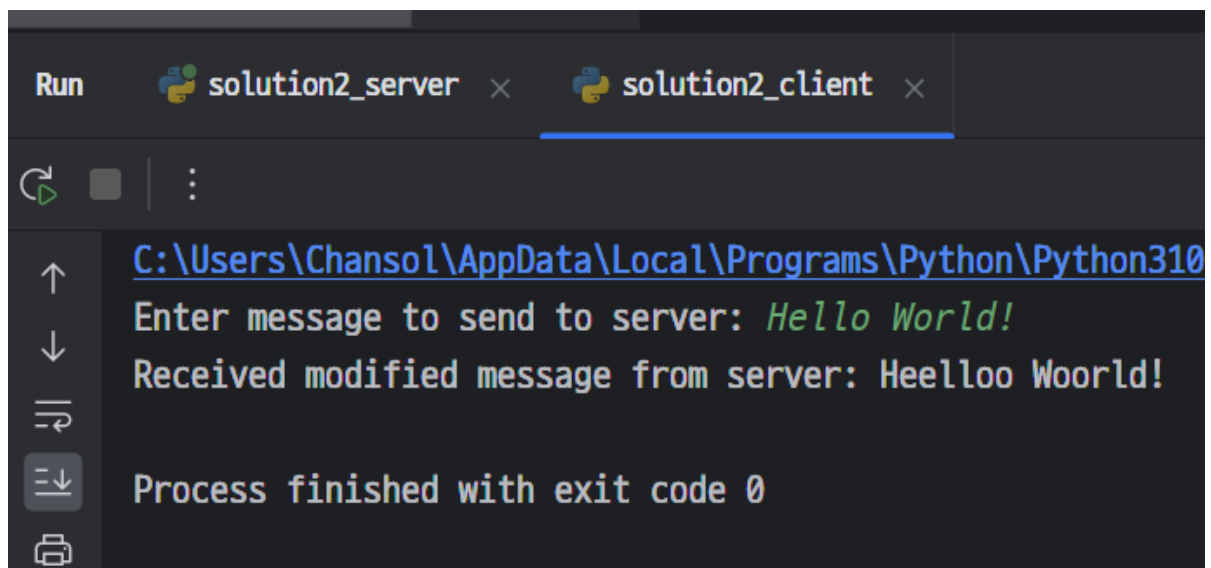
Server



```
Run  solution2_server x  solution2_client x

C:\Users\Chansol\AppData\Local\Programs\Python\Python310\python.exe C:\Users\Chansol\AppData\Local\Programs\Python\Python310\python.exe C:\Users\Chansol\AppData\Local\Programs\Python\Python310\python.exe
Server listening on 127.0.0.1:12345
Sent modified message back to ('127.0.0.1', 57569): Heelloo Woorld!
|
```

Client

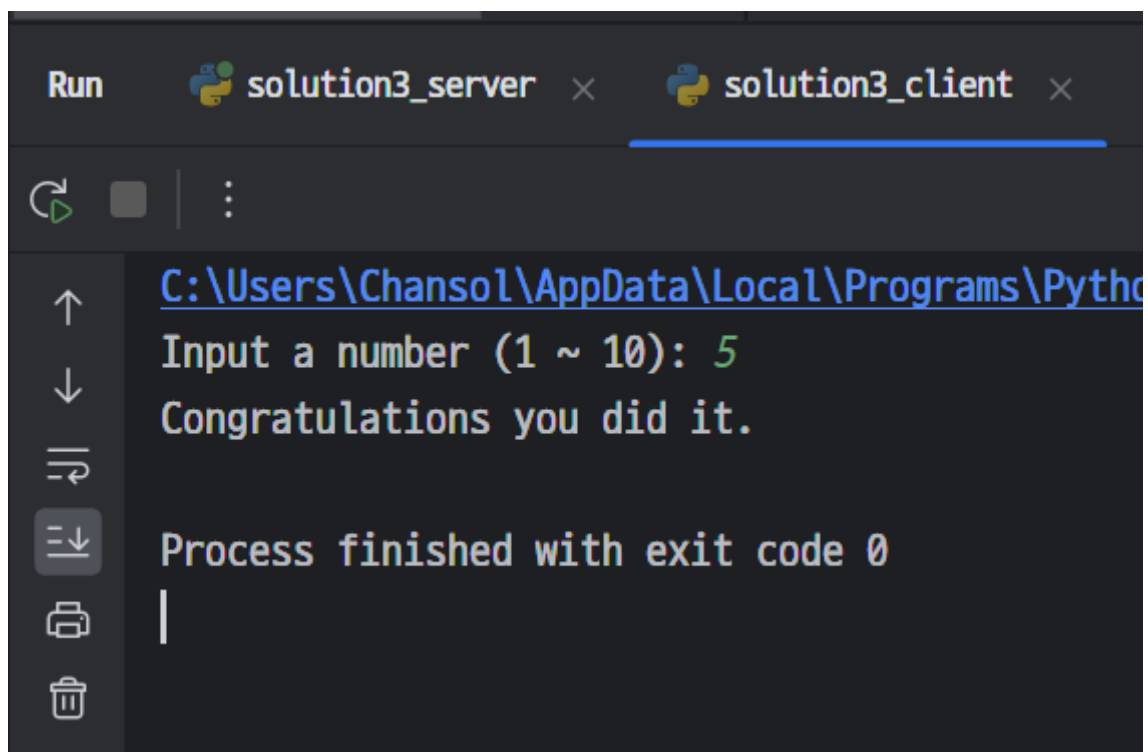


```
Run solution2_server x solution2_client x
C:\Users\Chansol\AppData\Local\Programs\Python\Python310\Scripts\python.exe
Enter message to send to server: Hello World!
Received modified message from server: Heelloo Woorld!
Process finished with exit code 0
```

Problem 3

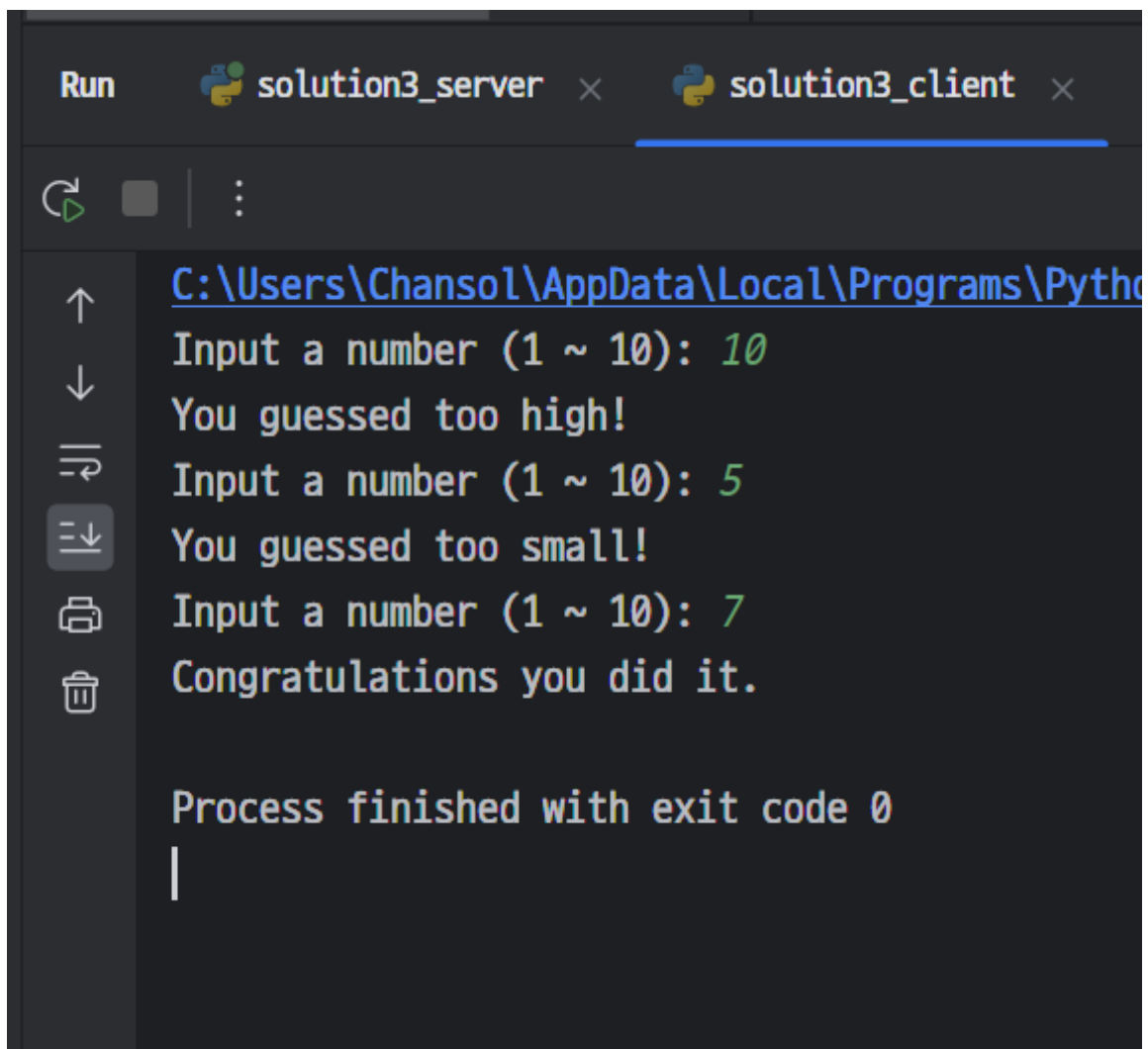
- Server : there is no additional information except "server listening..."

Client



```
Run solution3_server x solution3_client x
C:\Users\Chansol\AppData\Local\Programs\Python\Python310\Scripts\python.exe
Input a number (1 ~ 10): 5
Congratulations you did it.
Process finished with exit code 0
```

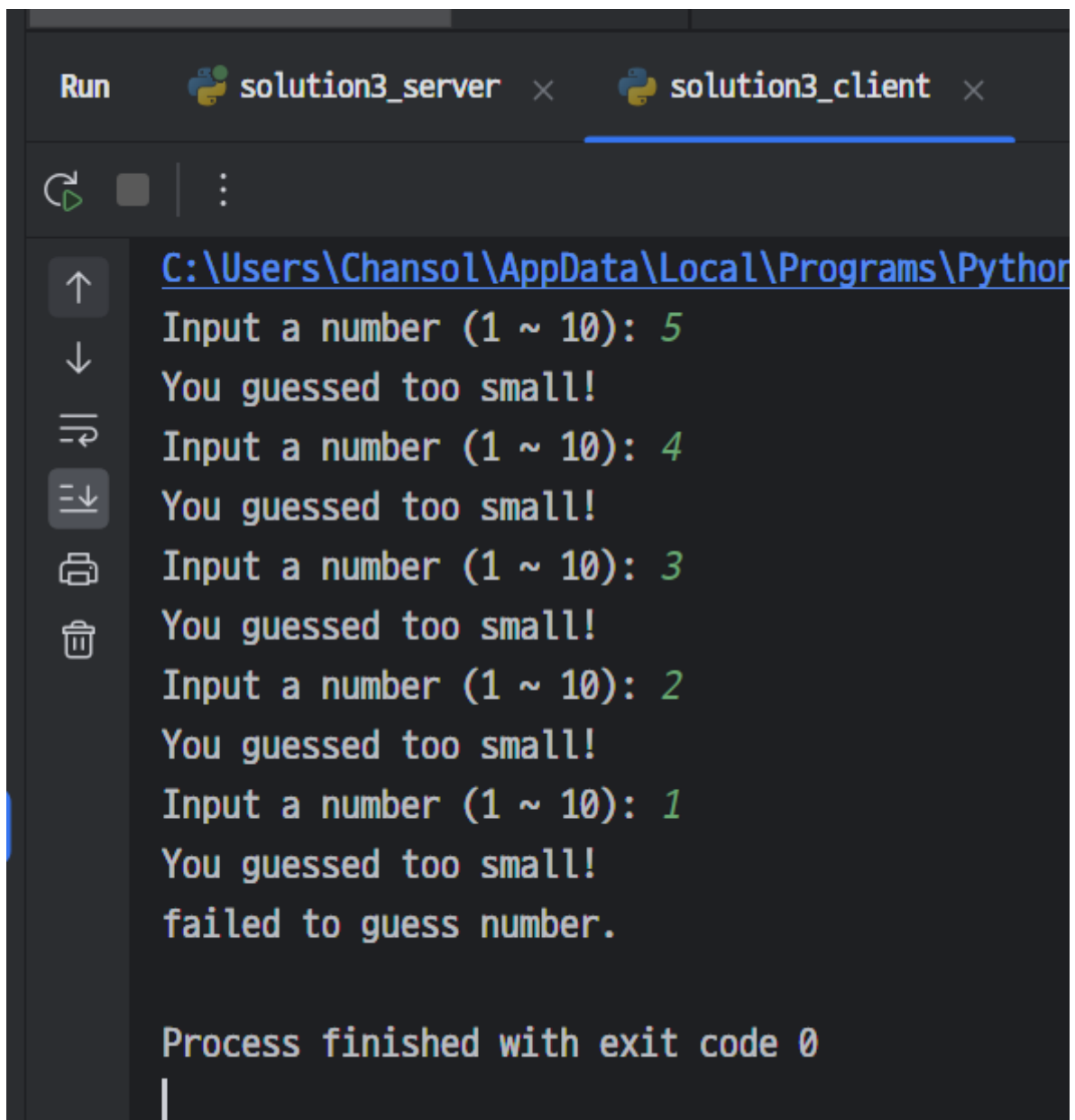
- One-shot!



```
Run solution3_server x solution3_client x
C:\Users\Chansol\AppData\Local\Programs\Python\Python38\python.exe
Input a number (1 ~ 10): 10
You guessed too high!
Input a number (1 ~ 10): 5
You guessed too small!
Input a number (1 ~ 10): 7
Congratulations you did it.

Process finished with exit code 0
```

- Guess number



```
Run solution3_server x solution3_client x
C:\Users\Chansol\AppData\Local\Programs\Python\Python38\python.exe
Input a number (1 ~ 10): 5
You guessed too small!
Input a number (1 ~ 10): 4
You guessed too small!
Input a number (1 ~ 10): 3
You guessed too small!
Input a number (1 ~ 10): 2
You guessed too small!
Input a number (1 ~ 10): 1
You guessed too small!
failed to guess number.

Process finished with exit code 0
```

- Fail to guess number