

Devin Hardy

CS 415

ASG5

Q2:

Make a client-server fortune telling package: (Using Python)

Server.py

```
# Devin Hardy
# ASG5 Fortune Server file
#
import socket

# Create a socket object
s = socket.socket()

# Define the port on which you want to connect
port = 12345

# connect to the server on local computer
s.connect(('127.0.0.1', port))

# receive data from the server and decoding to get the string.
print (s.recv(1024).decode())
# close the connection
s.close()
```

Client.py

```
# Devin Hardy
# ASG5 Fortune Server file
#
import socket

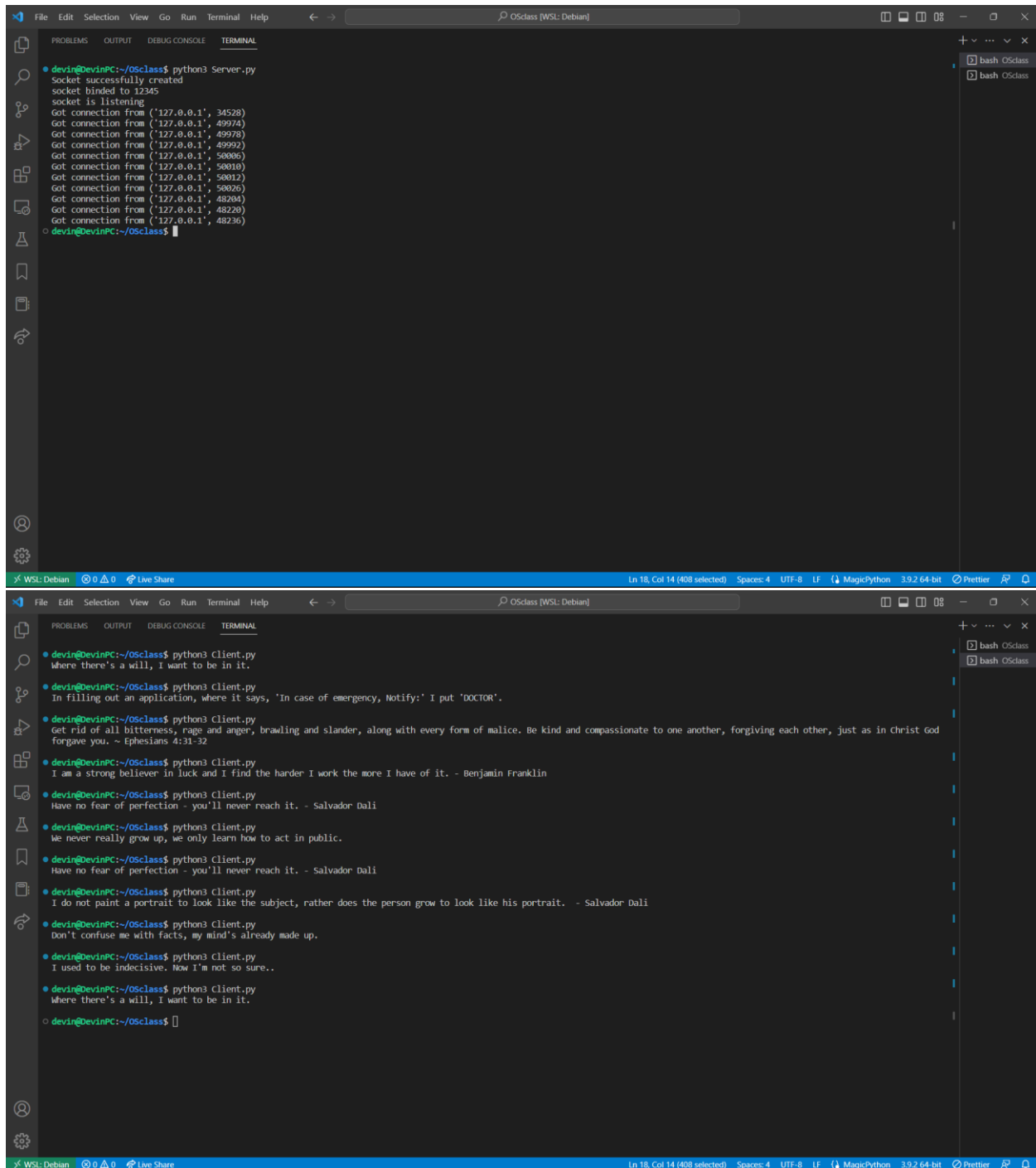
# Create a socket object
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# receive data from the server and decoding to get the string.
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# close the connection
s.close()
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Screenshots



The image displays two screenshots of a Visual Studio Code (VS Code) terminal window, showing a Python server and client interaction.

Top Screenshot:

```
devin@devinPC:~/OSclass$ python3 Server.py
Socket successfully created
socket binded to 12345
socket is listening
Got connection from ('127.0.0.1', 34528)
Got connection from ('127.0.0.1', 49974)
Got connection from ('127.0.0.1', 49978)
Got connection from ('127.0.0.1', 49992)
Got connection from ('127.0.0.1', 50080)
Got connection from ('127.0.0.1', 50010)
Got connection from ('127.0.0.1', 50012)
Got connection from ('127.0.0.1', 50026)
Got connection from ('127.0.0.1', 48204)
Got connection from ('127.0.0.1', 48220)
Got connection from ('127.0.0.1', 48236)
devin@devinPC:~/OSclass$
```

Bottom Screenshot:

```
devin@devinPC:~/OSclass$ python3 Client.py
Where there's a will, I want to be in it.

devin@devinPC:~/OSclass$ python3 Client.py
In filling out an application, where it says, 'In case of emergency, Notify:' I put 'DOCTOR'.

devin@devinPC:~/OSclass$ python3 Client.py
Get rid of all bitterness, rage and anger, brawling and slander, along with every form of malice. Be kind and compassionate to one another, forgiving each other, just as in christ God
forgave you. ~ Ephesians 4:31-32

devin@devinPC:~/OSclass$ python3 Client.py
I am a strong believer in luck and I find the harder I work the more I have of it. - Benjamin Franklin

devin@devinPC:~/OSclass$ python3 Client.py
Have no fear of perfection - you'll never reach it. - Salvador Dali

devin@devinPC:~/OSclass$ python3 Client.py
We never really grow up, we only learn how to act in public.

devin@devinPC:~/OSclass$ python3 Client.py
Have no fear of perfection - you'll never reach it. - Salvador Dali

devin@devinPC:~/OSclass$ python3 Client.py
I do not paint a portrait to look like the subject, rather does the person grow to look like his portrait. - Salvador Dali

devin@devinPC:~/OSclass$ python3 Client.py
Don't confuse me with facts, my mind's already made up.

devin@devinPC:~/OSclass$ python3 Client.py
I used to be indecisive. Now I'm not so sure..

devin@devinPC:~/OSclass$ python3 Client.py
Where there's a will, I want to be in it.

devin@devinPC:~/OSclass$
```

