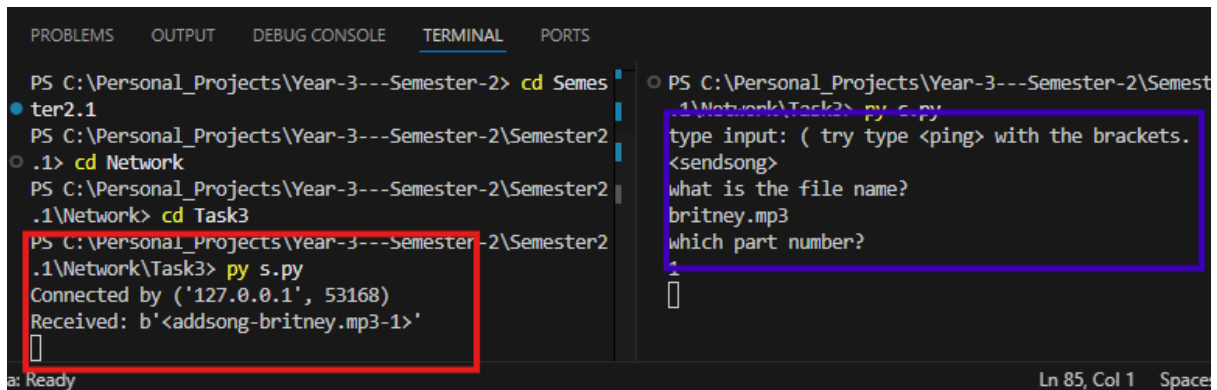


## Task 3: Commands for a peer-to-peer application

### Deliverable 1



```
PS C:\Personal_Projects\Year-3---Semester-2> cd Semester2
PS C:\Personal_Projects\Year-3---Semester-2\Semester2> .1> cd Network
PS C:\Personal_Projects\Year-3---Semester-2\Semester2> .1\Network> cd Task3
PS C:\Personal_Projects\Year-3---Semester-2\Semester2> .1\Network\Task3> py s.py
Connected by ('127.0.0.1', 53168)
Received: b'<addsong-britney.mp3-1>'

PS C:\Personal_Projects\Year-3---Semester-2\Semester2> .1\Network\Task3> py s.py
type input: ( try type <ping> with the brackets.
<sendsong>
what is the file name?
britney.mp3
which part number?
1
```

### Deliverable 2

```
#Deliverable 2
#Code to print out to console.log
with open("connection.log", "w") as f:
    f.write("In the file\n")

# Read and print the content of the file
with open("connection.log", "r") as f:
    print(f.read())

#Creating a variable to store conn and addr
s = [f"{con,addr}\n"]
#Everytime I log it updates the connection.log file
with open("connection.log", "a") as f:
    f.writelines(s)

#It opens and reads the connction.log file
with open("connection.log", "r") as f:
    print(f.read())
```

### Deliverable 3

Q1: Byte Format

Q2: 40003

Q3: No another connection cannot be made

## Deliverable 4

```
PS C:\Personal_Projects\Year-3---Semester-2\Semester2.1\Network\Task1> py s.py
Connected by ('127.0.0.1', 50819)
In the file
In the file
(<socket.socket fd=412, family=2, type=1, proto=0, laddr=('127.0.0.1', 40003), raddr=('127.0.0.1', 50819)>, ('127.0.0.1', 50819))
Received: b'<list>'
Found <list> fro client

Type input: (Try typing <ping> with the brackets)
<list>
Type input: (Try typing <ping> with the brackets)
<list>
Files available on the server:
Directory List:
1.mp3
2.mp3
3.mp3
4.mp3
c.py
connection.log
s.py
Type input: (Try typing <ping> with the brackets)
|
```