

Output

Starting a peer with -l command specified:

```
C:\Users\JD\Desktop\peer2>python C:\Users\JD\Desktop\jd.py -l 65350
Socket bind complete
Socket now listening on port: 65350

Advanced OS Project 2
Peer Interface
Enter 'help' for a list of commands
Enter Command
```

Starting a peer with -l and -a commands specified:

```
C:\Users\JD\Desktop\peer1>python C:\Users\JD\Desktop\jd.py -l 65355 -p localhost
:65350 -p localhost:65351 -p localhost:65352 -p localhost:65353
Socket bind complete
Socket now listening on port: 65355
localhost:65350 was added to the neighborList on Jadeon-PC:65355
Unable to connect to localhost:65351
Unable to connect to localhost:65352
Unable to connect to localhost:65353

Advanced OS Project 2
Peer Interface
Enter 'help' for a list of commands
Enter Command
```

Help Command:

```
Advanced OS Project 2
Peer Interface
Enter 'help' for a list of commands
Enter Command
help
Command List: fetch, neighbors, connect, disconnect, exit.
```

Neighbors Command:

```
Enter Command
neighbors
['localhost:65350']
```

Disconnect Command with Peer target:

```
Enter Command
disconnect localhost:65350
Disconnected from localhost:65350
```

Connect Command with Peer target:

```
Enter Command
connect localhost:65350
Jadeon-PC:65355 was added to the neighborList on Jadeon-PC:65350
```

Output

Fetch Command with appropriate commands:

```
Enter Command
fetch new.txt
new.txt successfully downloaded.
From target download machine
192.168.1.113:60704 has requested to fetch file: new.txt
```

Exit Command:

```
Enter Command
exit
Disconnected from localhost:65350
```