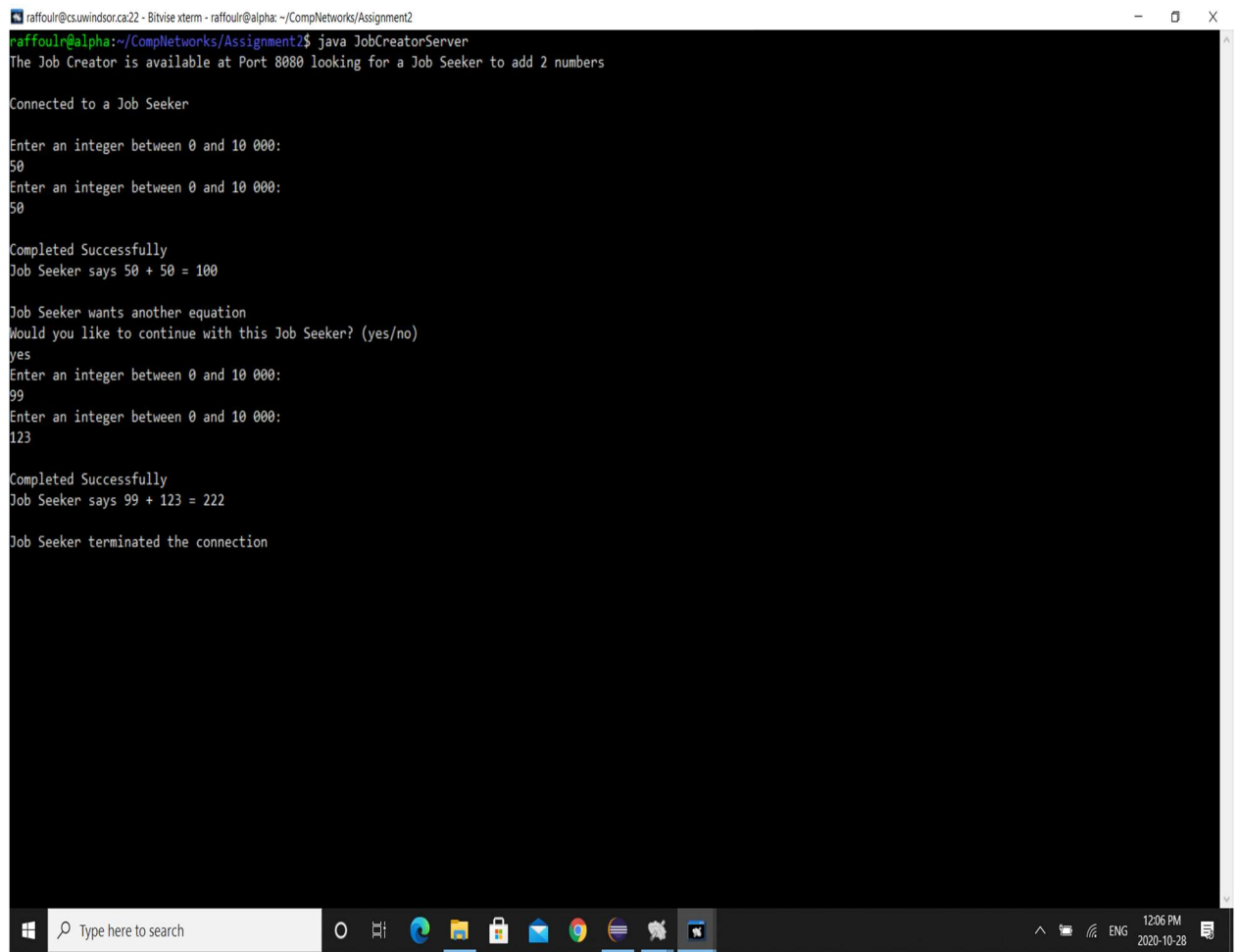


Test Cases

Test Case 1

- Below is a test case where a Job Seeker connects to a Job Creator, the Job Seeker gets an addition job from the Job Creator, computes, and sends the result to the Job Creator. The Job Seeker then asks for another addition job, the Job Creator confirms then and sends another and the above process is repeated. The Job Seeker then says it does not want another job and the connection is terminated. Another Job Seeker could have connected during this connection or after.

Below is the Job Creator.



```
raffoulr@cs.uwindsor.ca:22 - BitVise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobCreatorServer
The Job Creator is available at Port 8080 looking for a Job Seeker to add 2 numbers

Connected to a Job Seeker

Enter an integer between 0 and 10 000:
50
Enter an integer between 0 and 10 000:
50

Completed Successfully
Job Seeker says 50 + 50 = 100

Job Seeker wants another equation
Would you like to continue with this Job Seeker? (yes/no)
yes
Enter an integer between 0 and 10 000:
99
Enter an integer between 0 and 10 000:
123

Completed Successfully
Job Seeker says 99 + 123 = 222

Job Seeker terminated the connection
```

Below is the Job Seeker.

```
raffoulr@cs.uwindsor.ca22 - Bitwise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobSeekerClient
Job Seeker is available looking for a Job Creator to send 2 numbers to add
Do you want to accept this addition job from the Job Creator? (yes/no)
yes

Adding 50 + 50
Sending Result 100 to Job Creator

Want to do another equation? (yes/no)
yes

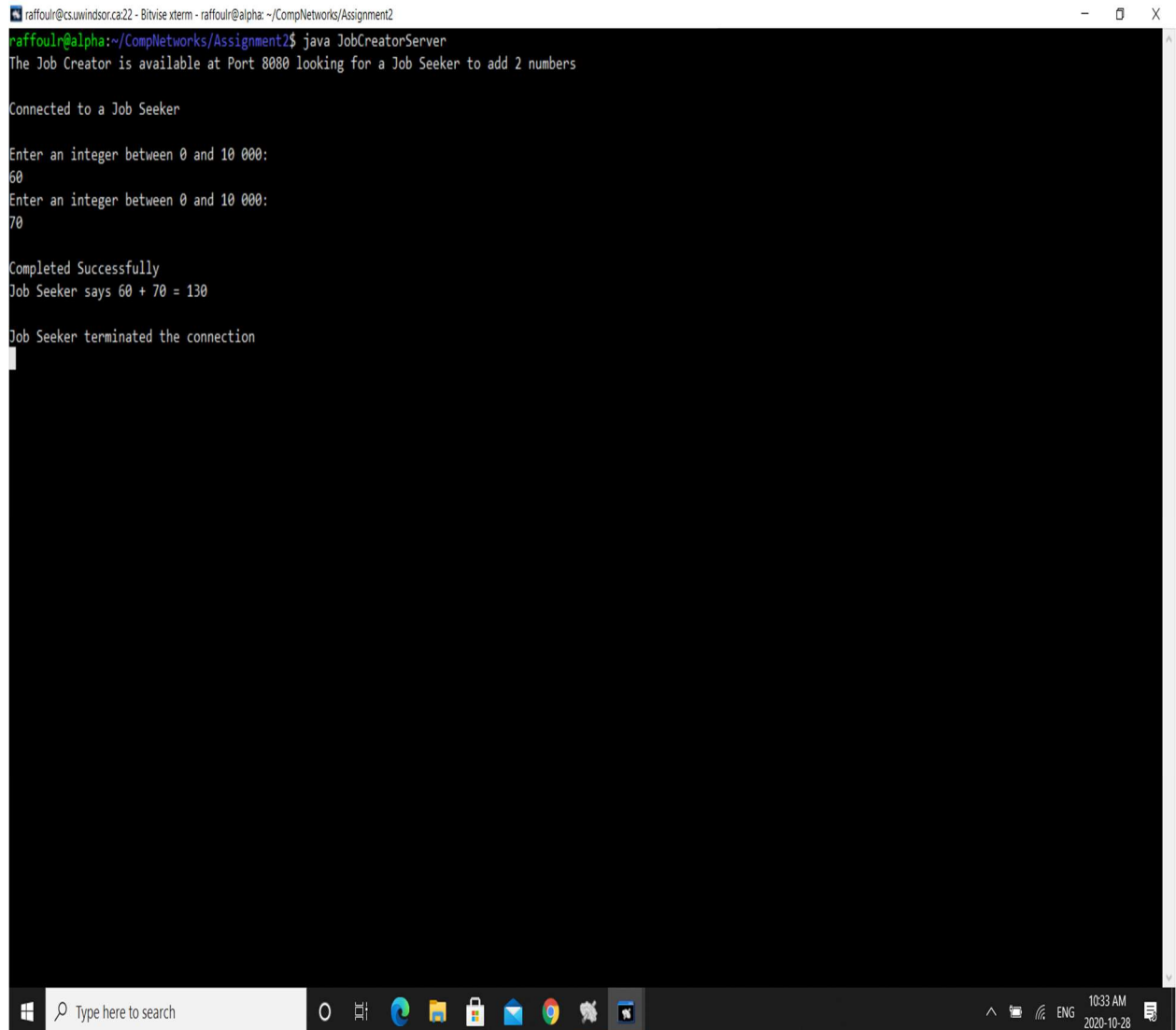
Adding 99 + 123
Sending Result 222 to Job Creator

Want to do another equation? (yes/no)
no
raffoulr@alpha:~/CompNetworks/Assignment2$
```

Test Case 2

- Below is a test case where the Job Seeker connects to the Job Creator, the Job Seeker gets an addition job from the Job Creator, computes, and sends the result to the Job Creator. The Job Seeker then terminates the connection by not wanting another job. Other Job Seekers could have connected during and can connect now to the Job Creator.

Below is the Job Creator.



```
raffoulr@csuwindsor.ca22 - Bitvise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobCreatorServer
The Job Creator is available at Port 8080 looking for a Job Seeker to add 2 numbers

Connected to a Job Seeker

Enter an integer between 0 and 10 000:
60
Enter an integer between 0 and 10 000:
70

Completed Successfully
Job Seeker says 60 + 70 = 130

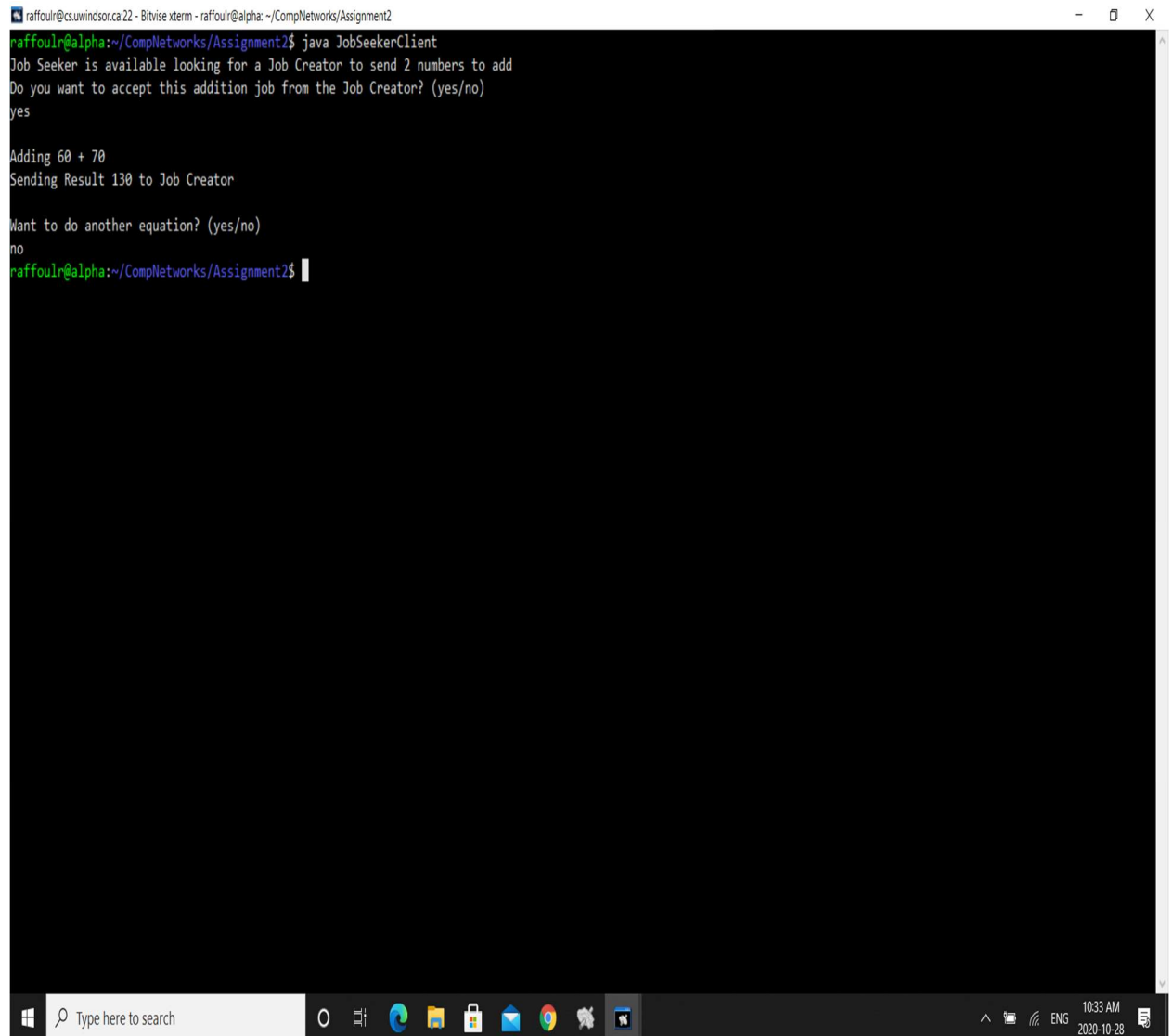
Job Seeker terminated the connection
```

Below is the Job Seeker.

```
raffoulr@cs.uwindsor.ca:22 - Bitvise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobSeekerClient
Job Seeker is available looking for a Job Creator to send 2 numbers to add
Do you want to accept this addition job from the Job Creator? (yes/no)
yes

Adding 60 + 70
Sending Result 130 to Job Creator

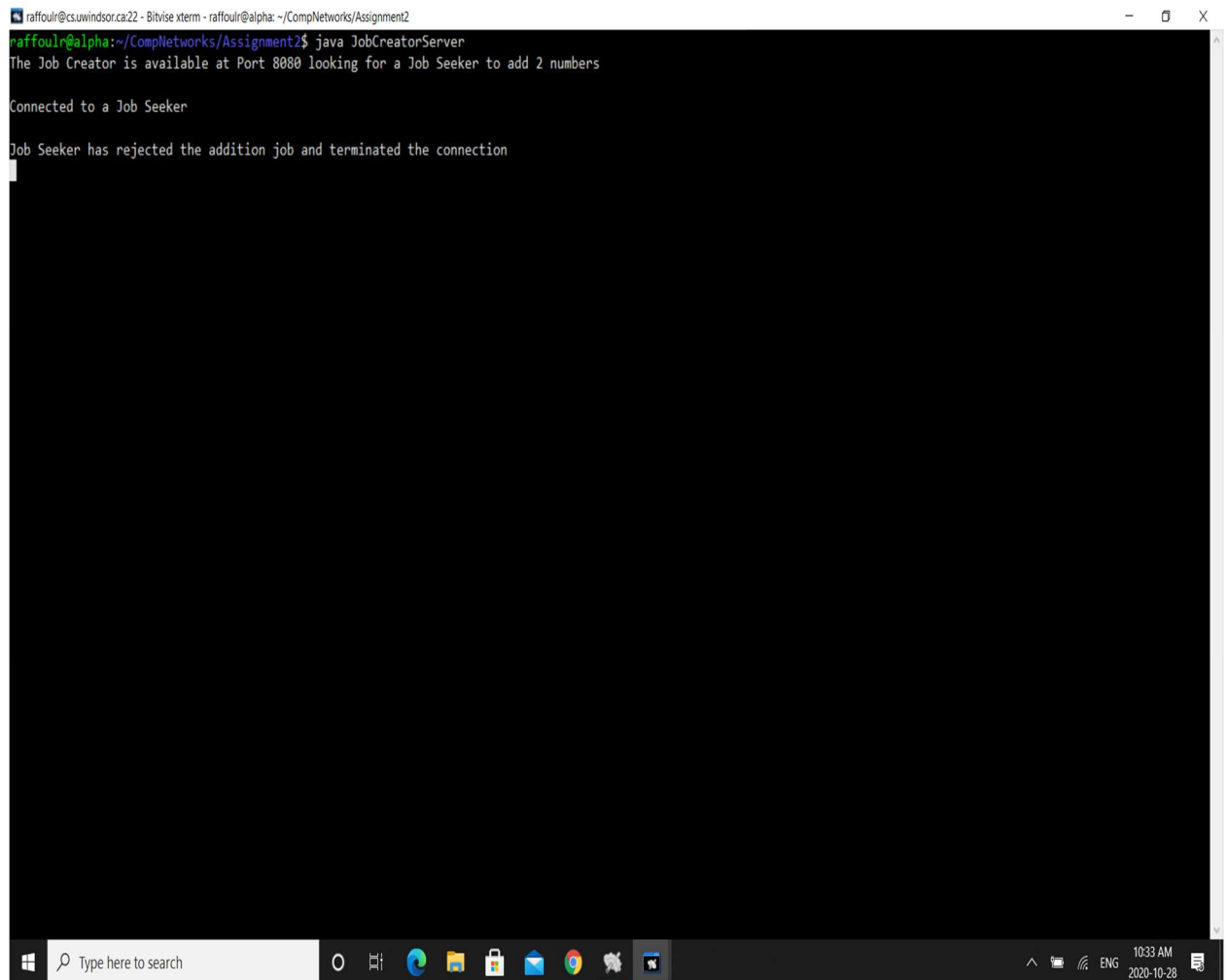
Want to do another equation? (yes/no)
no
raffoulr@alpha:~/CompNetworks/Assignment2$
```



Test Case 3

- Below is a test case where the Job Seeker connects to the Job Creator, the Job Seeker rejects the addition job, and the connection is terminated. Other Job Seekers can still connect to the Job Creator.

Below is the Job Creator.



```
raffoulr@csu.windsor.ca:22 - Bitvise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobCreatorServer
The Job Creator is available at Port 8080 looking for a Job Seeker to add 2 numbers

Connected to a Job Seeker

Job Seeker has rejected the addition job and terminated the connection
```

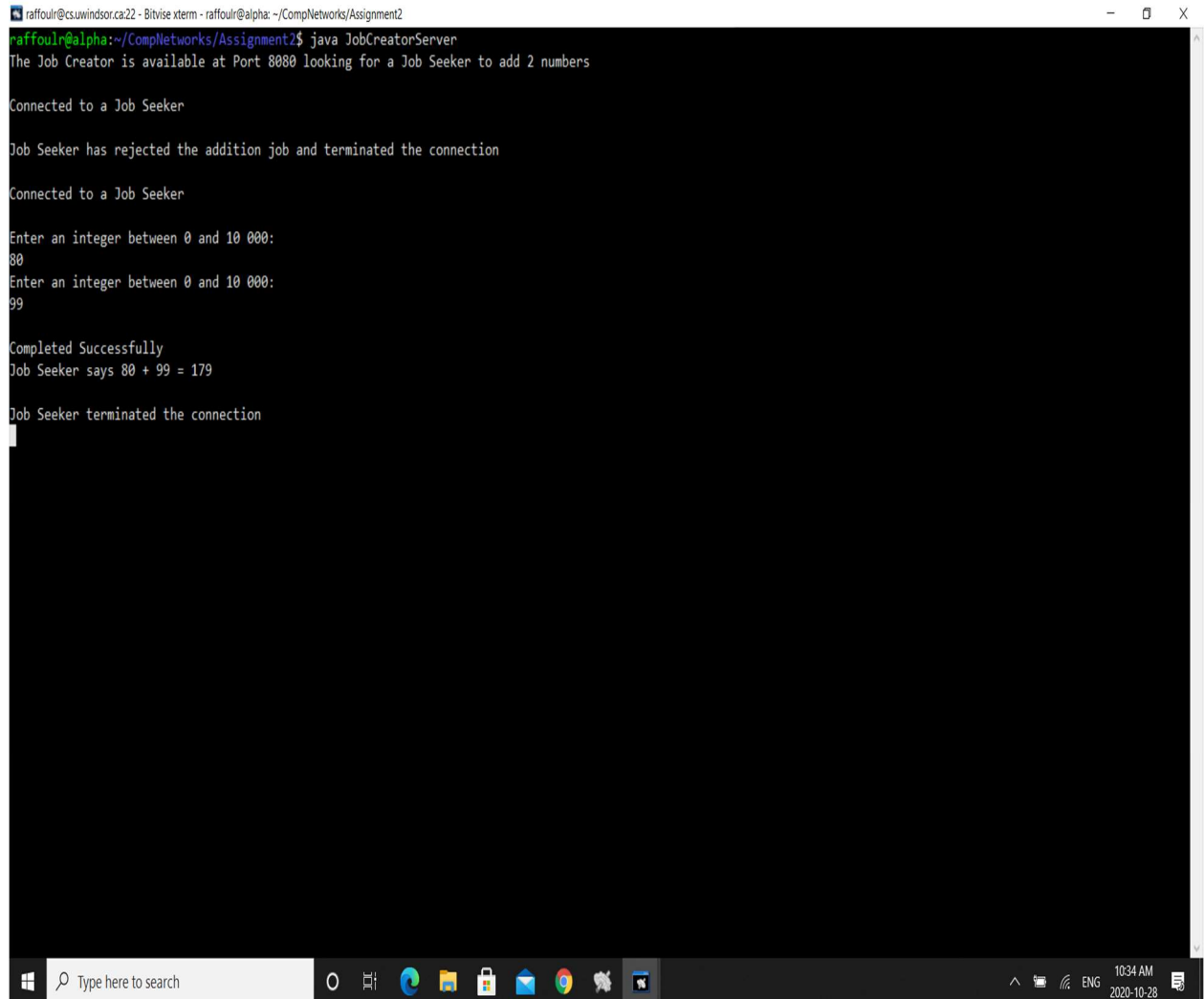
Below is the Job Seeker.

```
raffoulr@cs.uwindsor.ca22 - Bitvise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobSeekerClient
Job Seeker is available looking for a Job Creator to send 2 numbers to add
Do you want to accept this addition job from the Job Creator? (yes/no)
no
raffoulr@alpha:~/CompNetworks/Assignment2$
```

Test Case 4

- Below is a test case where a Job Seeker connects to a Job Creator, the Job Seeker rejects the addition job and the connection is terminated. Then, another Job Seeker connects to the Job Creator and does the same as above. During or after any Job Seekers could connect to the Job Creator.

Below is the Job Creator.



```
raffoulr@csuwindsor.ca22 - Bitvise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobCreatorServer
The Job Creator is available at Port 8080 looking for a Job Seeker to add 2 numbers

Connected to a Job Seeker

Job Seeker has rejected the addition job and terminated the connection

Connected to a Job Seeker

Enter an integer between 0 and 10 000:
80
Enter an integer between 0 and 10 000:
99

Completed Successfully
Job Seeker says 80 + 99 = 179

Job Seeker terminated the connection
```

Below is the Job Seeker.

```
raffoulr@csu.windsor.ca22 - Bitwise xterm - raffoulr@alpha: ~/CompNetworks/Assignment2
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobSeekerClient
Job Seeker is available looking for a Job Creator to send 2 numbers to add
Do you want to accept this addition job from the Job Creator? (yes/no)
no
raffoulr@alpha:~/CompNetworks/Assignment2$ java JobSeekerClient
Job Seeker is available looking for a Job Creator to send 2 numbers to add
Do you want to accept this addition job from the Job Creator? (yes/no)
yes
Adding 80 + 99
Sending Result 179 to Job Creator
Want to do another equation? (yes/no)
no
raffoulr@alpha:~/CompNetworks/Assignment2$
```