

My Client and Keshawn's Server

```
C:\Users\kesh\Downloads>python server.py 5050
Server of Keshawn R. McGrath
Server socket established
Connection socket established
Waiting on incoming connections...
Connected from: ('10.22.5.117', 50100)
Received message '100 Hello' from Client
Sent response '101 Hello Ack' to Client
Received message '105 Primes 6397 1031' from Client
Sent lcm response '107 LCM 6595307' to Client
Received message '200 OK' from Client
C:\Users\kesh\Downloads>
```

```
C:\Users\jorda\Desktop\Projects\starter_code\starter_code>python client.py 10.22.5.98 5050
Client of Jordan Campbell
```

The purpose of this program is to collect two prime numbers from the client, and then send them to the server. The server will compute their LCM and send it back to the client. If the server-computed LCM matches the locally computed LCM, the client sends the server a 200 OK status code. Otherwise it sends a 400 error status code, and then closes the socket to the server.

```
Sending: 100 Hello...
Received: 101 Hello Ack
Enter a prime number between 1031 and 6397: 6397
Enter a prime number between 1031 and 6397: 1031
Sending: 105 Primes 6397 1031...
Received: 107 LCM 6595307
Sending: 200 OK...
```

My Server and Keshawn Client

```
C:\Users\jorda>cd C:\Users\jorda\Desktop\Projects\starter_code\starter_code
C:\Users\jorda\Desktop\Projects\starter_code\starter_code>python server.py 5050
Server of Jordan Campbell
The server is ready to receive
Connected from: ('10.22.5.98', 57294)
Received: 100 Hello
Sending: 101 Hello Ack...
Received: 105 Primes 1031 6397
Sending: 107 LCM 6595307...
Received: 200 OK
```

```
C:\Users\kesh\Downloads>python client.py 10.22.5.117 5050
Client of Keshawn R. McGrath

The purpose of this program is to collect two prime numbers from the client, and then
send them to the server. The server will compute their LCM and send it back to the
client. If the server-computed LCM matches the locally computed LCM, the
client sends the server a 200 OK status code. Otherwise it sends a 400 error status code,
and then closes the socket to the server.

Client socket established
Client connected to Server: 10.22.5.117
Sent message '100 Hello' to Server
Received response '101 Hello Ack' from Server
Enter a prime number between 1031 and 6397: 1031
Enter a prime number between 1031 and 6397: 6397
Sent prompt '105 Primes 1031 6397' to Server
Received lcm response '107 LCM 6595307' from Server
Sent response '200 OK' to Server
C:\Users\kesh\Downloads>
```