

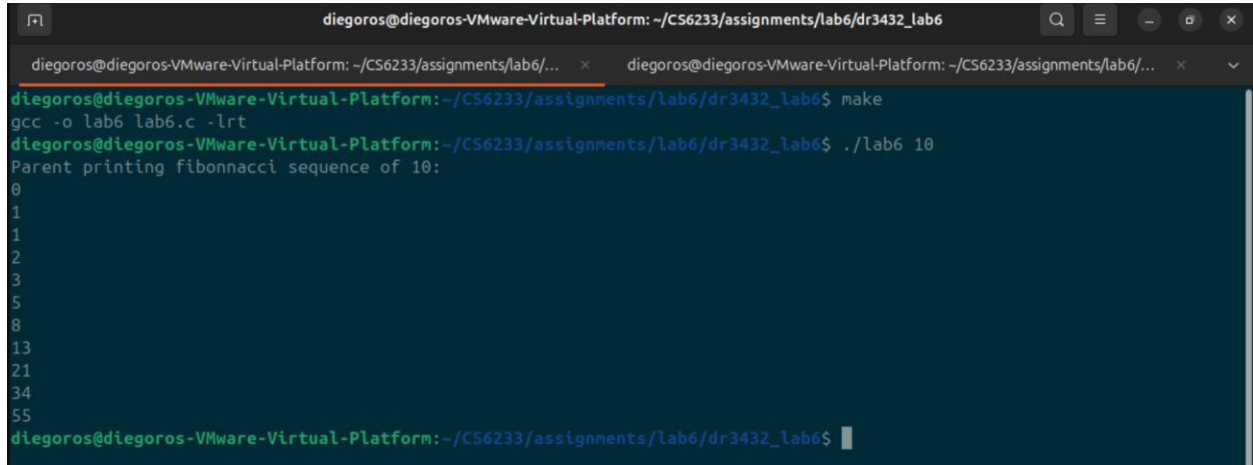
Lab 6 Results

Student: Diego Rosenberg de Angoitia

Net ID: dr3432

N#: N11409122

1)



```
diegoros@diegoros-VMware-Virtual-Platform: ~/CS6233/assignments/lab6/dr3432_lab6
diegoros@diegoros-VMware-Virtual-Platform: ~/CS6233/assignments/lab6/dr3432_lab6$ make
gcc -o lab6 lab6.c -lrt
diegoros@diegoros-VMware-Virtual-Platform: ~/CS6233/assignments/lab6/dr3432_lab6$ ./lab6 10
Parent printing fibonacci sequence of 10:
0
1
1
2
3
5
8
13
21
34
55
diegoros@diegoros-VMware-Virtual-Platform: ~/CS6233/assignments/lab6/dr3432_lab6$
```

2)

- a. The calls that are blocking on the client side include: `connect()`, and `read()`. The calls that are blocking on the server side are: `listen()`, `accept()`, `write()`. These calls are considered blocking since they put their respective code on the waiting state of process cycle execution as they are waiting for action outside their program to occur.
- b. Indirect communication, as messages are sent and received from a port.
- c. The `ECONNREFUSED` flag indicates that the stream socket found no one listening on the remote address. Meaning that the address has no “server” side yet.
- d. The server is currently in the localhost IP (“127.0.0.1”), in order to have this code work on different machines we would have to add an external IP address to the host as well as make it available to the client. We would also have to decide if this availability of the server would be done through a private network (LAN) or over the public web (Internet) which would have different steps to be achieved.