

### Question 3.2:

output of running the program:

```
sudo ./policy SCHED_FIFO 1
```

```
[sudo] password for matan:
```

```
my pid is 5640
```

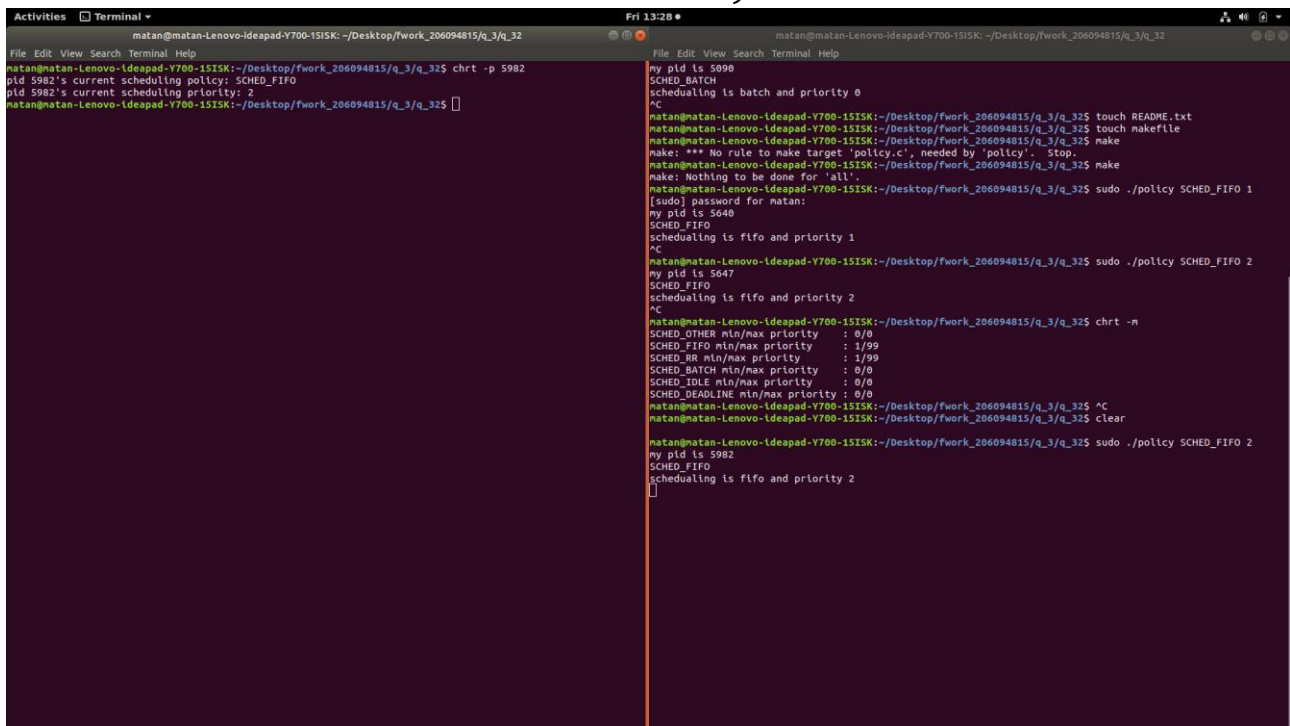
```
SCHED_FIFO
```

```
scheduling is fifo and priority 1
```

```
pid 5640's current scheduling policy: SCHED_FIFO
```

```
pid 5640's current scheduling priority: 1
```

a picture is also added. (this is before I modified the program to get int  
instead of string)



```
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ chrt -p 5982
pid 5982's current scheduling policy: SCHED_FIFO
pid 5982's current scheduling priority: 2
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$

matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ my pid is 5090
SCHED_BATCH
scheduling is batch and priority 0
^C
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ touch README.txt
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ touch makefile
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ make
make: *** No rule to make target 'policy.c', needed by 'policy'.  stop.
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ make
make: Nothing to be done for 'all'.
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ sudo ./policy SCHED_FIFO 1
[sudo] password for matan:
my pid is 5640
SCHED_FIFO
scheduling is fifo and priority 1
^C
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ sudo ./policy SCHED_FIFO 2
my pid is 5647
SCHED_FIFO
scheduling is fifo and priority 2
^C
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ chrt -n
SCHED_OTHER min/max priority : 0/0
SCHED_FIFO min/max priority : 1/99
SCHED_RR min/max priority : 1/99
SCHED_BATCH min/max priority : 0/0
SCHED_IDLE min/max priority : 0/0
SCHED_DEADLINE min/max priority : 0/0
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ ^C
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ clear
matan@matan-Lenovo-Ideapad-V700-15ISK: ~/Desktop/fwork_206094815/q_3/q_32$ sudo ./policy SCHED_FIFO 2
my pid is 5982
SCHED_FIFO
scheduling is fifo and priority 2
^C
```