

Running examples

לאחר ההרצה נקבל את מספר התהליך. בטרמינל חדש נריץ את הפקודה הבאה:
`chrt -p <pid>`

במקום `<pid>` נרשום את מספר התהליך שהתקבל בטרמינל הראשון.

פקודה זו מאפשרת לנו לראות את מדיניות התזמון ואת התעדוף של תהליך עם pid נתון.

באמצעות פקודה זו בעצם נבדוק שהנתונים השתנו כפי שהכנסנו בקוד שלנו.

```
uriya@uriya-VirtualBox: ~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ sudo ./set_policy 1 90
the pid is = 2954
policy = 1
priority = 90

uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ chrt -p 2954
pid 2954's current scheduling policy: SCHED_FIFO
pid 2954's current scheduling priority: 90
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$
```

```
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ make all
gcc -o set_policy set_policy.c
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ sudo ./set_policy 0 0
the pid is = 2905
policy = 0
priority = 0

uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ chrt -p 2905
pid 2905's current scheduling policy: SCHED_OTHER
pid 2905's current scheduling priority: 0
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$
```

```
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ sudo ./set_policy 5 0
the pid is = 3025
policy = 5
priority = 0

uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ chrt -p 3025
pid 3025's current scheduling policy: SCHED_IDLE
pid 3025's current scheduling priority: 0
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$
```

```
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ sudo ./set_policy 2 42
the pid is = 2988
policy = 2
priority = 42

uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ chrt -p 2988
pid 2988's current scheduling policy: SCHED_RR
pid 2988's current scheduling priority: 42
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$
```

```
uriya@uriya-VirtualBox: ~/Downloads/fwork_315090167/q_3
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ sudo ./set_policy 6 12
the pid is = 3062
policy = 6
priority = 12
[]

uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ chrt -p 3062
pid 3062's current scheduling policy: SCHED_DEADLINE
pid 3062's current scheduling priority: 0
pid 3062's current runtime/deadline/period parameters: 10000000/30000000/3000000
0
uriya@uriya-VirtualBox:~/Downloads/fwork_315090167/q_3$ []
```