Test 1: fork() \leftarrow 0 | PIDmin = 0

```
(psh)% ./usr/bin/test-lab2
Proces majacy najdluzsza sciezke potomkow prowadzaca z procesu o PID >= 0 to:
PID procesu: 1
dlugosc sciezki: 2
(psh)% ps
     PID
             PPID PR STATE
                             %CPU
                                    WAIT
                                                 TIME
                                                        VMEM THR CMD
                0 4 ready
                             89.5
                                                        2.6M
                                                               2 [idle]
       0
                                   800ms
                                            00:00:09
       1
                0
                   4 sleep
                              0.0
                                    10ms
                                            00:00:00
                                                           0
                                                               1 init
       4
                1 1 sleep
                              0.6
                                    10ms
                                            00:00:00
                                                        760K
                                                               4 pc-tty
       5
                                            00:00:01
                  4 sleep
                              8.3
                                    10ms
                                                        256K
                                                               6 pc-ata
                1
       6
                1
                   4 sleep
                              0.1
                                     0us
                                            00:00:00
                                                        164K
                                                               5 /bin/posixsrv
       9
                1
                   0 sleep
                              0.3
                                    10ms
                                            00:00:00
                                                        508K
                                                               6 /sbin/lwip rtl:0x
                   4 ready
                                            00:00:00
                                                        220K
                                                               1 /bin/psh
      11
                1
                              0.2
                                     0us
```

Test 2: fork() \leftarrow 0 | PIDmin = 1

```
Proces majacy najdluzsza sciezke potomkow prowadzaca z procesu o PID >= 1 to:
PID procesu: 1
dlugosc sciezki: 2
(psh)% ps
     PID
             PPID PR STATE
                             %CPU
                                                        VMEM THR CMD
                                    WAIT
                                                 TIME
                                             00:00:08
                                                        2.7M
       0
                0 4 ready
                             89.9
                                   690ms
                                                               2 [idle]
                   4 sleep
       1
                0
                              0.0
                                    10ms
                                             00:00:00
                                                           0
                                                               1 init
                1 1 sleep
                              0.5
                                    10ms
                                             00:00:00
       4
                                                        760K
                                                               4 pc-tty
       5
                1
                   4 sleep
                              8.0
                                    10ms
                                             00:00:01
                                                        256K
                                                               6 pc-ata
       6
                1
                   4 sleep
                              0.0
                                     0us
                                             00:00:00
                                                        164K
                                                               5 /bin/posixsrv
       7
                1
                   4 sleep
                              0.2
                                    10ms
                                             00:00:00
                                                        420K
                                                               1 /sbin/ifconfig 10
       9
                                                        508K
                1
                   0 sleep
                              0.3
                                    10ms
                                             00:00:00
                                                               6 /sbin/lwip rtl:0x
                                                        420K
                                                               1 /usr/sbin/telnetd
      10
                1 4 sleep
                              0.1
                                     0us
                                             00:00:00
                                                        220K
                              0.0
                                                               1 /bin/psh
      11
                1
                   4 ready
                                             00:00:00
                                    10ms
```

Test 3: fork() \leftarrow 0 | PIDmin = 2

```
(psh)% ./usr/bin/test-lab2
Proces majacy najdluzsza sciezke potomkow prowadzaca z procesu o PID >= 2 to:
PID procesu: 11
dlugosc sciezki: 1
(psh)% ps
     PID
             PPID PR STATE
                             %CPU
                                    WAIT
                                                 TIME
                                                        VMEM THR CMD
                0 4 ready
       0
                             89.0
                                   790ms
                                             00:00:09
                                                        2.6M
                                                                2 [idle]
       1
                0
                   4 sleep
                              0.1
                                    10ms
                                             00:00:00
                                                           0
                                                                1 init
                1 1 sleep
                              0.3
                                    10ms
       4
                                             00:00:00
                                                        760K
                                                               4 pc-tty
       5
                1 4 sleep
                              8.9
                                    10ms
                                             00:00:01
                                                        260K
                                                               6 pc-ata
                   4 sleep
                              0.2
                                                        164K
                                                                5 /bin/posixsrv
       6
                1
                                     0us
                                             00:00:00
       9
                1 0 sleep
                              0.3
                                    10ms
                                             00:00:00
                                                        508K
                                                                6 /sbin/lwip rtl:0x
      11
                                                        220K
                                                               1 /bin/psh
                1
                   4 ready
                              0.2
                                    10ms
                                             00:00:00
```

Test 4: fork() \leftarrow 4 | PIDmin = 2

```
(psh)% ./usr/bin/test-lab2
Proces majacy najdluzsza sciezke potomkow prowadzaca z procesu o PID >= 2 to:
PID procesu: 11
dlugosc sciezki: 5
(psh)% ps
     PID
             PPID PR STATE %CPU
                                    WAIT
                                                 TIME
                                                        VMEM THR CMD
       0
                0 4 ready 94.3
                                    1.4s
                                            00:00:29
                                                        2.7M 2 [idle]
                              0.0
       1
                0 4 sleep
                                                               1 init
                                    10ms
                                            00:00:00
                                                        0
       4
                1 1 sleep
                              0.0
                                    10ms
                                            00:00:00
                                                        760K
                                                               4 pc-tty
                1 4 sleep
                              4.3
                                    10ms
                                            00:00:01
                                                        256K
                                                               6 pc-ata
       6
                1 4 sleep
                              0.0
                                    10ms
                                            00:00:00
                                                        164K
                                                               5 /bin/posixsrv
       9
                1 0 sleep
                              0.1
                                    10ms
                                            00:00:00
                                                        508K
                                                               6 /sbin/lwip rtl:0x
      11
                                                        220K
                                                               1 /bin/psh
                1 4 ready
                              0.1
                                    10ms
                                            00:00:00
```

Test 5: fork() \leftarrow 4 | PIDmin = 40

```
(psh)% ./usr/bin/test-lab2
ERROR: Brak procesw o PID mniejszym od podanego.(psh)%
```