

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

```
(psh)% ./usr/bin/test
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	0	4	ready	89.5	800ms	00:00:09	2.6M	2	[idle]
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	1	4	sleep	8.3	10ms	00:00:01	256K	6	pc-ata
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
11	1	4	ready	0.2	0us	00:00:00	220K	1	/bin/psh

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	WAIT	TIME	VMEM	THR	CMD
0	0	4	ready	89.9	690ms	00:00:08	2.7M	2	[idle]
1	0	4	sleep	0.0	10ms	00:00:00	0	1	init
4	1	1	sleep	0.5	10ms	00:00:00	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	1	0	sleep	0.3	10ms	00:00:00	508K	6	/sbin/lwip rtl:0x
10	1	4	sleep	0.1	0us	00:00:00	420K	1	/usr/sbin/telnetd
11	1	4	ready	0.0	10ms	00:00:00	220K	1	/bin/psh

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

```
(psh)% ./usr/bin/test
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	0	4	ready	89.0	790ms	00:00:09	2.6M	2	[idle]
1	0	4	sleep	0.1	10ms	00:00:00	0	1	init
4	1	1	sleep	0.3	10ms	00:00:00	760K	4	pc-tty
5	1	4	sleep	8.9	10ms	00:00:01	260K	6	pc-ata
6	1	4	sleep	0.2	0us	00:00:00	164K	5	/bin/posixsrv
9	1	0	sleep	0.3	10ms	00:00:00	508K	6	/sbin/lwip rtl:0x
11	1	4	ready	0.2	10ms	00:00:00	220K	1	/bin/psh

Test 4: fork() ← 4 | PIDmin = 2

```
(psh)% ./usr/bin/test
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]
1	0	4	sleep	0.0	10ms	00:00:00	0	1	init
4	1	1	sleep	0.0	10ms	00:00:00	760K	4	pc-tty
5	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	1	4	ready	0.1	10ms	00:00:00	220K	1	/bin/psh

Test 5: fork() ← 4 | PIDmin = 40

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