- _ Range: 0 20
- _ Default value when create a process: 0
- _ How to test: (Warning no Round Robin for same priority number process)
 - + Start "make qemu"
 - + Enter: "pi &" 4 times to create 4 testing processes

8	l		
PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL PORTS
1	init	SLEEPING	0
2	sh	SLEEPING	0
12	ps	RUNNING	0
4	pi	RUNNABLE	5
6		RUNNING	0
9	pi	RUNNING	0
\$ pi &			
\$ ps			
pid	name	state	priority
1	init	SLEEPING	0
2	sh	SLEEPING	0
15	ps	RUNNING	0
4	рi	RUNNABLE	5
6	pi	RUNNING	0
9	pi	RUNNABLE	0
14	рi	RUNNING	0
\$ ps			
pid	name	state	priority

- + Enter: "ps" to see the table
- + Enter: "set 4 6" and "set 8 5" to set the first and third pi process to lower priority

м	\$ pi &							
	\$ ps pid	name	state	priority				
	1	init	SLEEPING	0				
	2	sh	SLEEPING	0				
	11	ps	RUNNING	0				
	4	рi	RUNNING	0				
	6	рi	RUNNING	0				
	8	рi	RUNNABLE	0				
	10	рi	RUNNABLE	0				
	\$ set 4	\$ set 4 6						
	\$ set 8 6							
	\$ ps							
	pid	name	state	priority				
	1	init	SLEEPING	0				
	2	sh	SLEEPING	0				
	14	ps	RUNNING	0				
	4	рi	RUNNABLE	6				
	6	рi	RUNNING	0				
	8	рi	RUNNABLE	6				
	10	рi	RUNNING	0				
	\$							

+ See the result, second and fourth pi process are RUNNING

_ Unsolvable bug:

+ Set the priority like this and the process with pid = 10 will not get a RUNNING state

