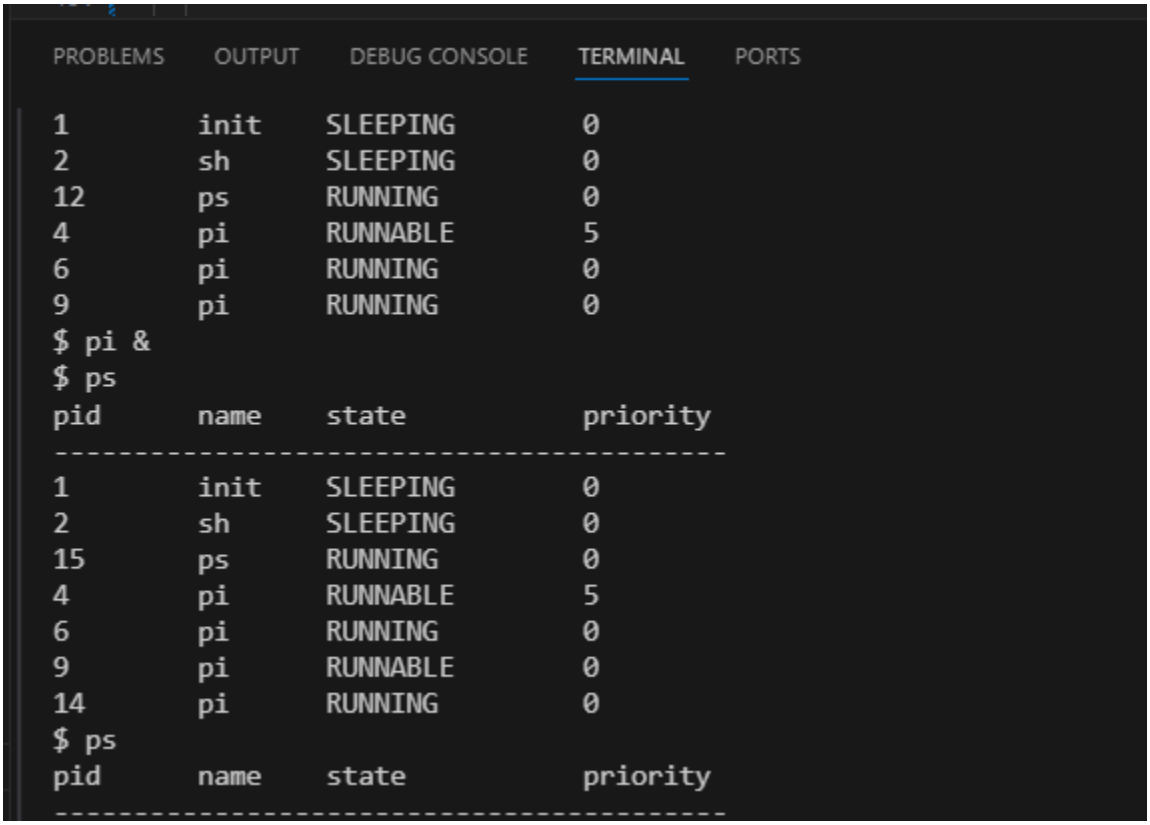
_ Range: 0 – 20

_ Default value when create a process: 0

_ How to test: (Warning no Round Robin for same priority number process)

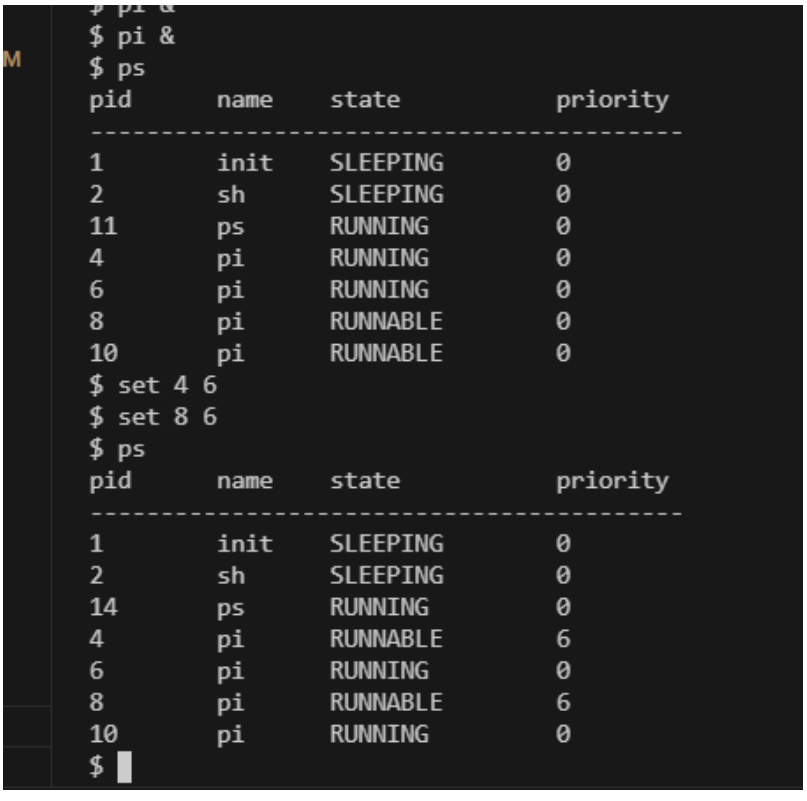
+ Start “make qemu”

+ Enter: “pi &” 4 times to create 4 testing processes



+ 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



+ 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