

Date : 23-9-21

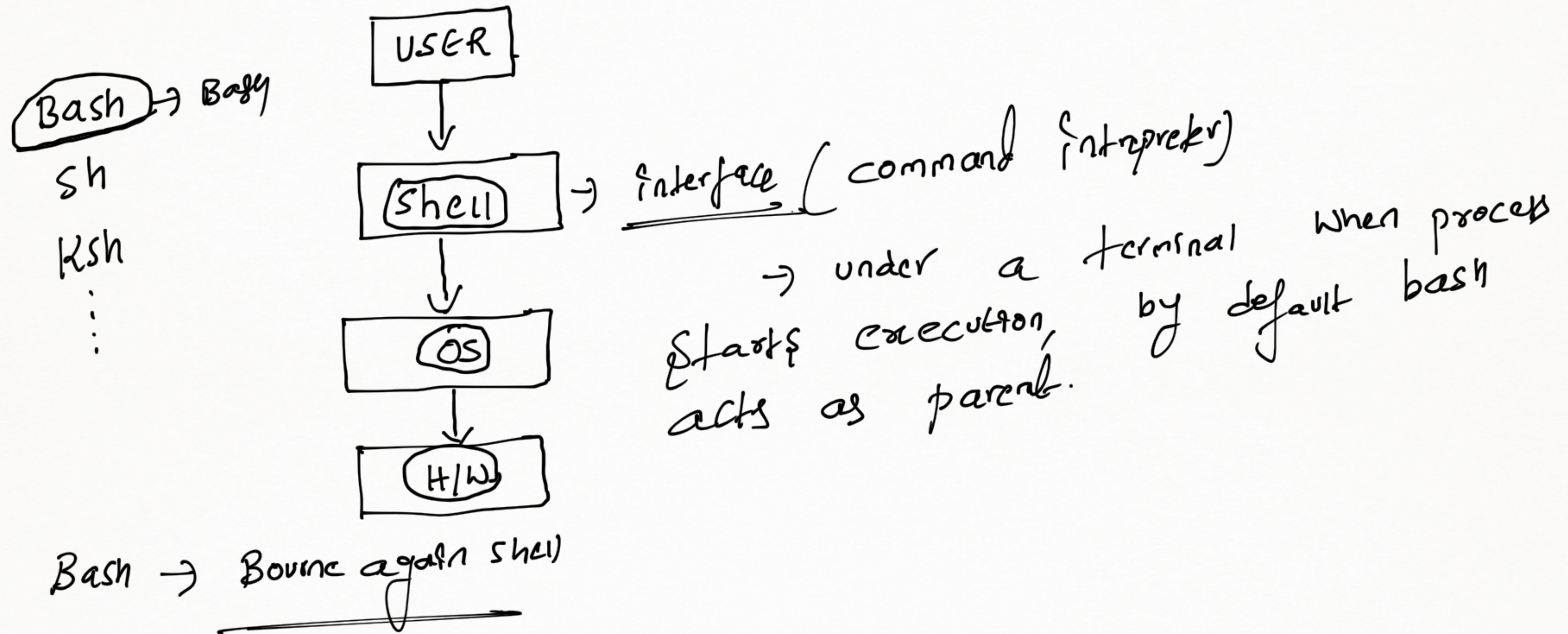
getpid → will display process id

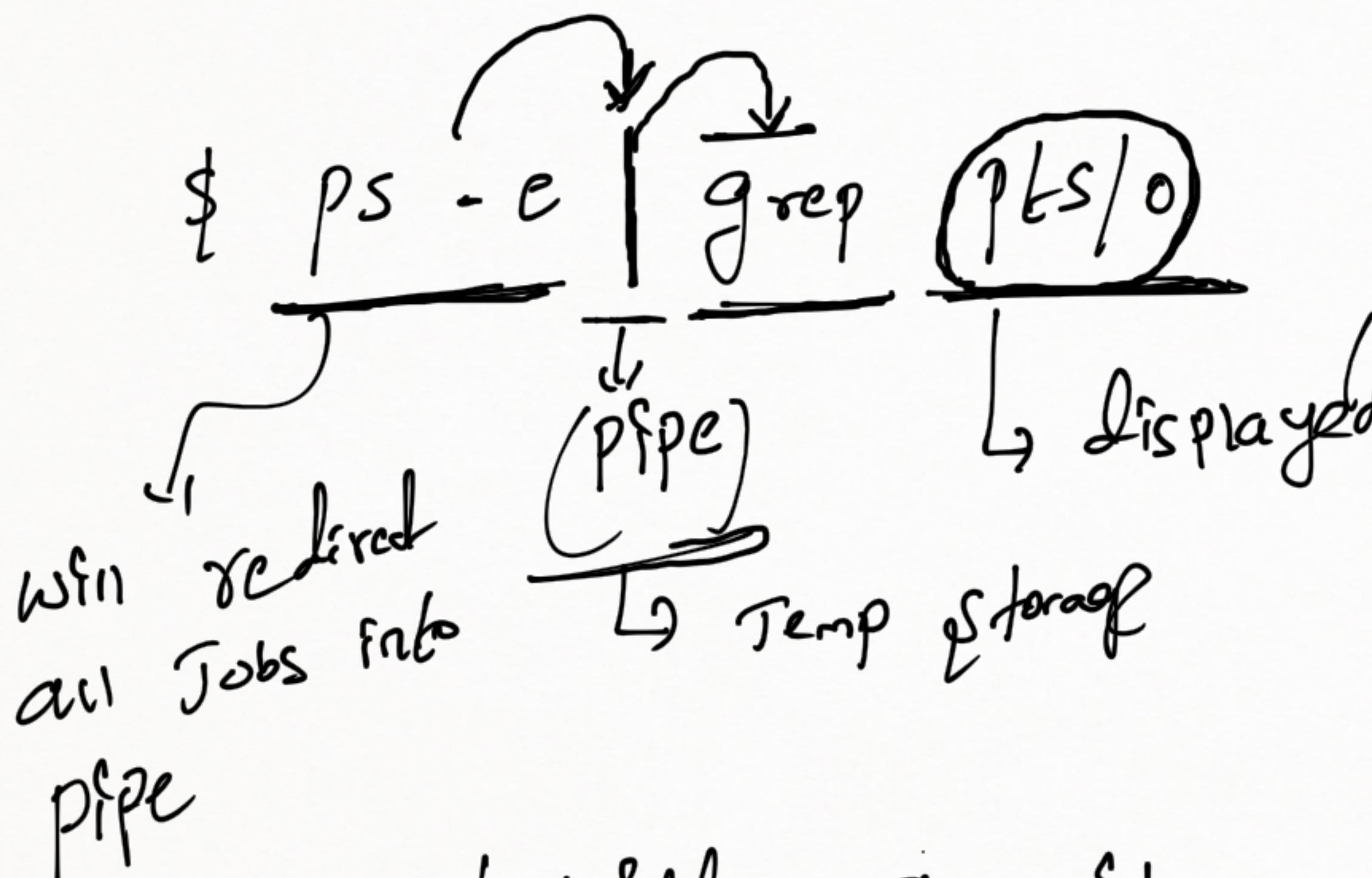
getppid → will display parent process id

→ Terminal is a logical window render term bash starts creation

→ Bash is one type of shell

→ Shell is a command interpreter b/w user and os





ttym0

grep pattern

pipe

`$ kill -9 pid`
 ↓
 command signal no → process id

q

When a process is terminated even though it is running as foreground (or) background.
 receiving signal number

STATE - OF - PROCESS

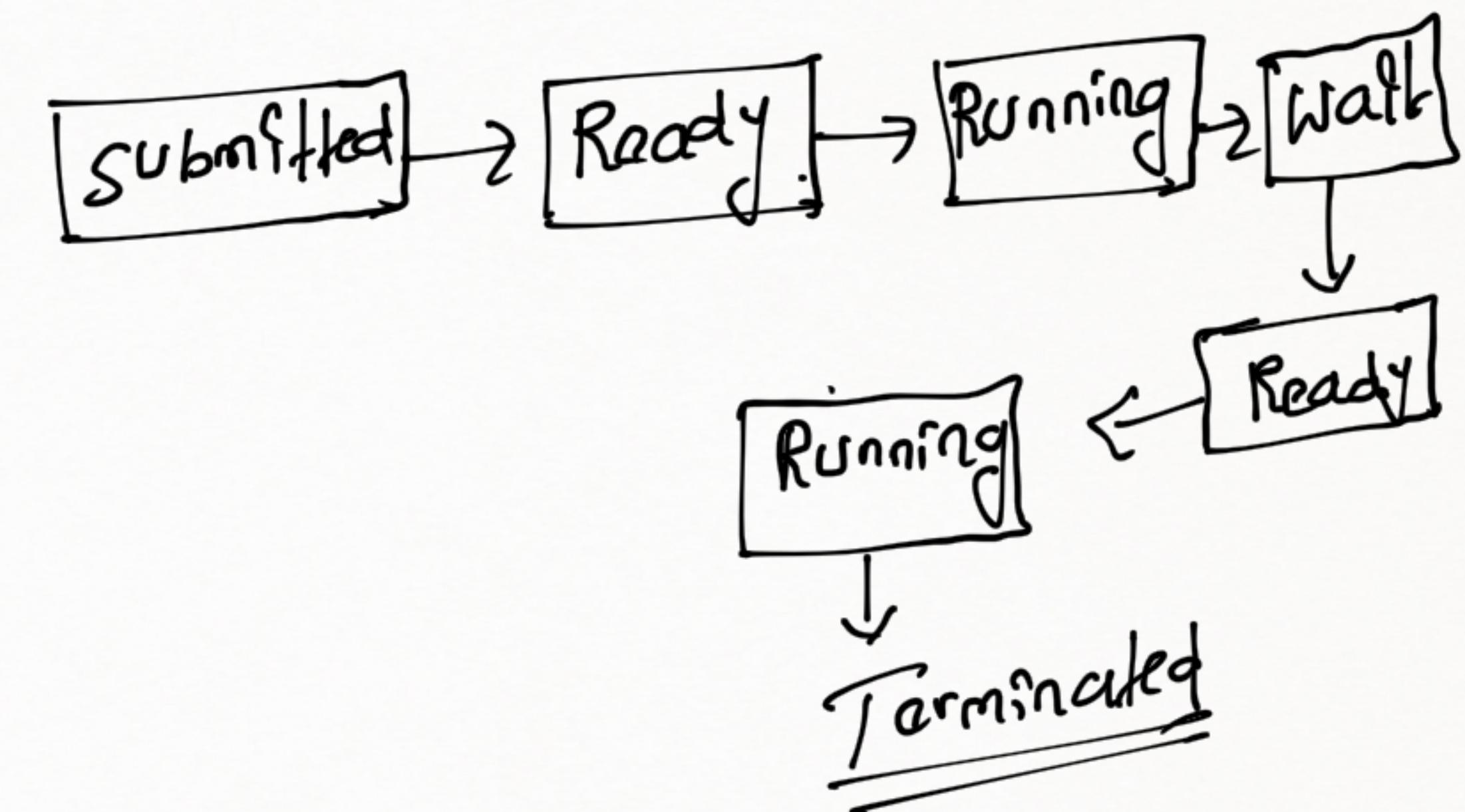
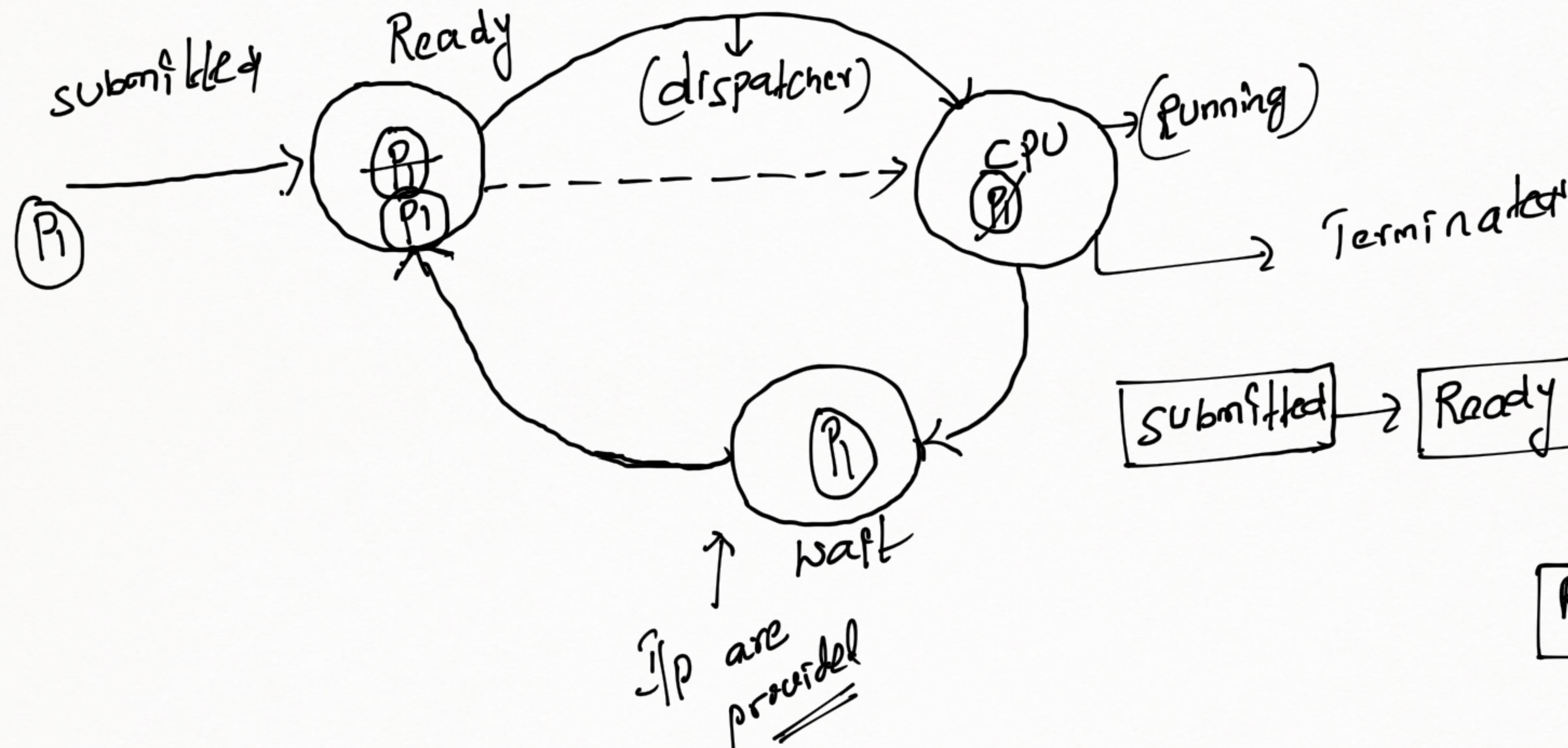
- During The life of the process, a process may not get CPU time for execution, if a process not executed by CPU than it is one of the following state
- Ready → Suspended
 - Running
 - wait
 - Delayed

Ready: if a process is in ready state it means
it needs CPU but nothing

Running: If a process is executed by CPU than it is
called running state

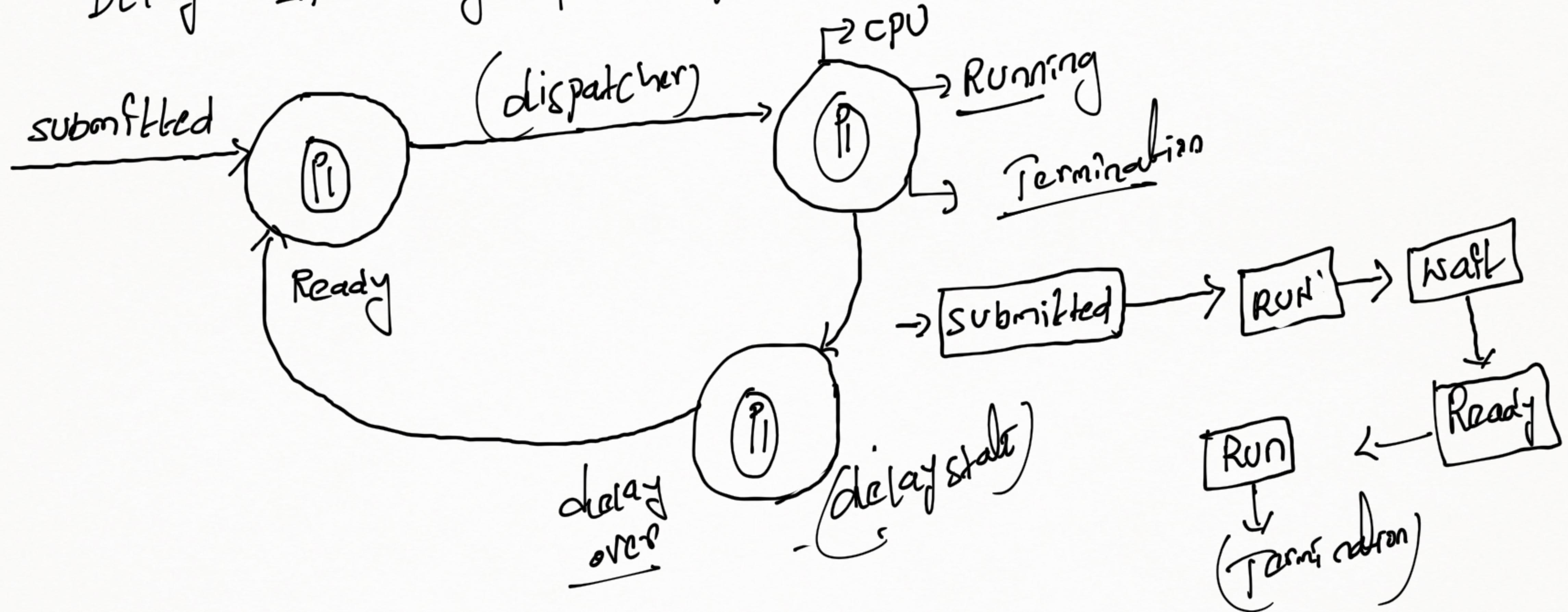
Wait : A process in its life time it may wait for
some inputs.

wait-state



Delayed state : A process in its life time it may enter into

Delay state by providing sleep().



Suspended State: During the life of a process

it may enter into suspended state.

How to suspend a process

\$ kill -19 Pid
↳ suspend

\$ kill -18 Pid
↳ Resume

