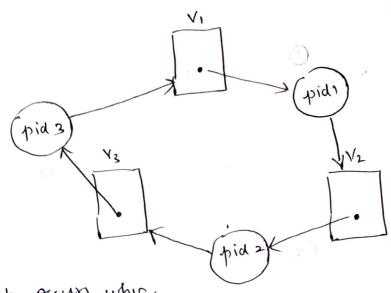
Let V, V2 V3 by 3 Mourus pid pidz pidz be The thru threads.



Deadlock occurs when,

- -pid 1 is scheduled
- -) pid1 obtains lock on VI
- -) pid1 is switched out with pid2
- -) pids obtains the lock on V2
- pid 2 is switched out with pid3
- -) pid3 obtains a Lock on V3

Now irrespective of the order of scheduling hence forth, each of the thread will keep waiting for another thread to release its lock thereby resulting in a diad lock.

Drawing this out in the scheduling graph, we can see a clear eyele when every thread has acquired a resource and is waiting for another resource that is already acquired.