

CMP 321



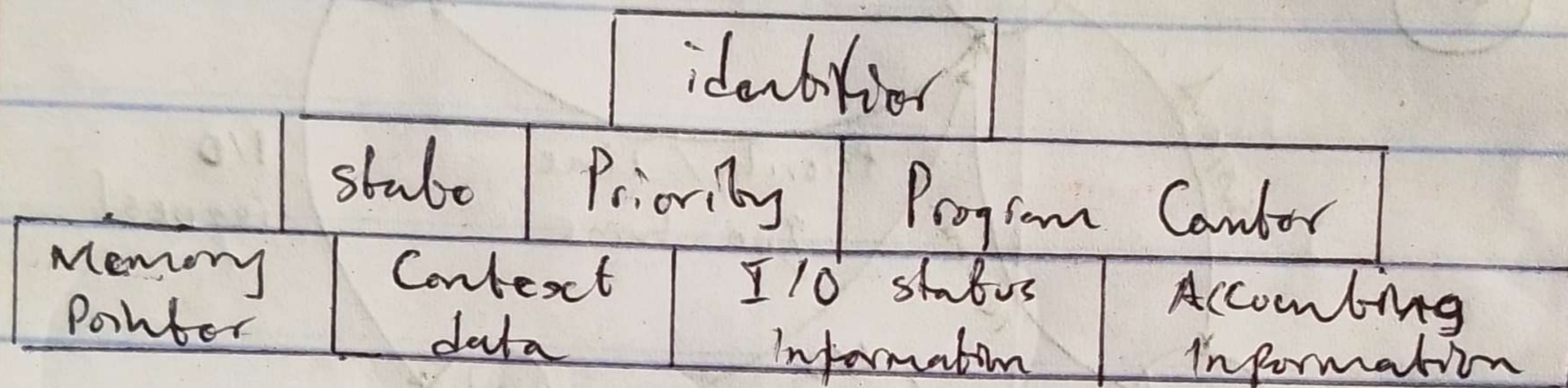
PRACTICE DIAGRAMS
300LVL 1ST SEMESTER



CMP 321 - Diagram Practice

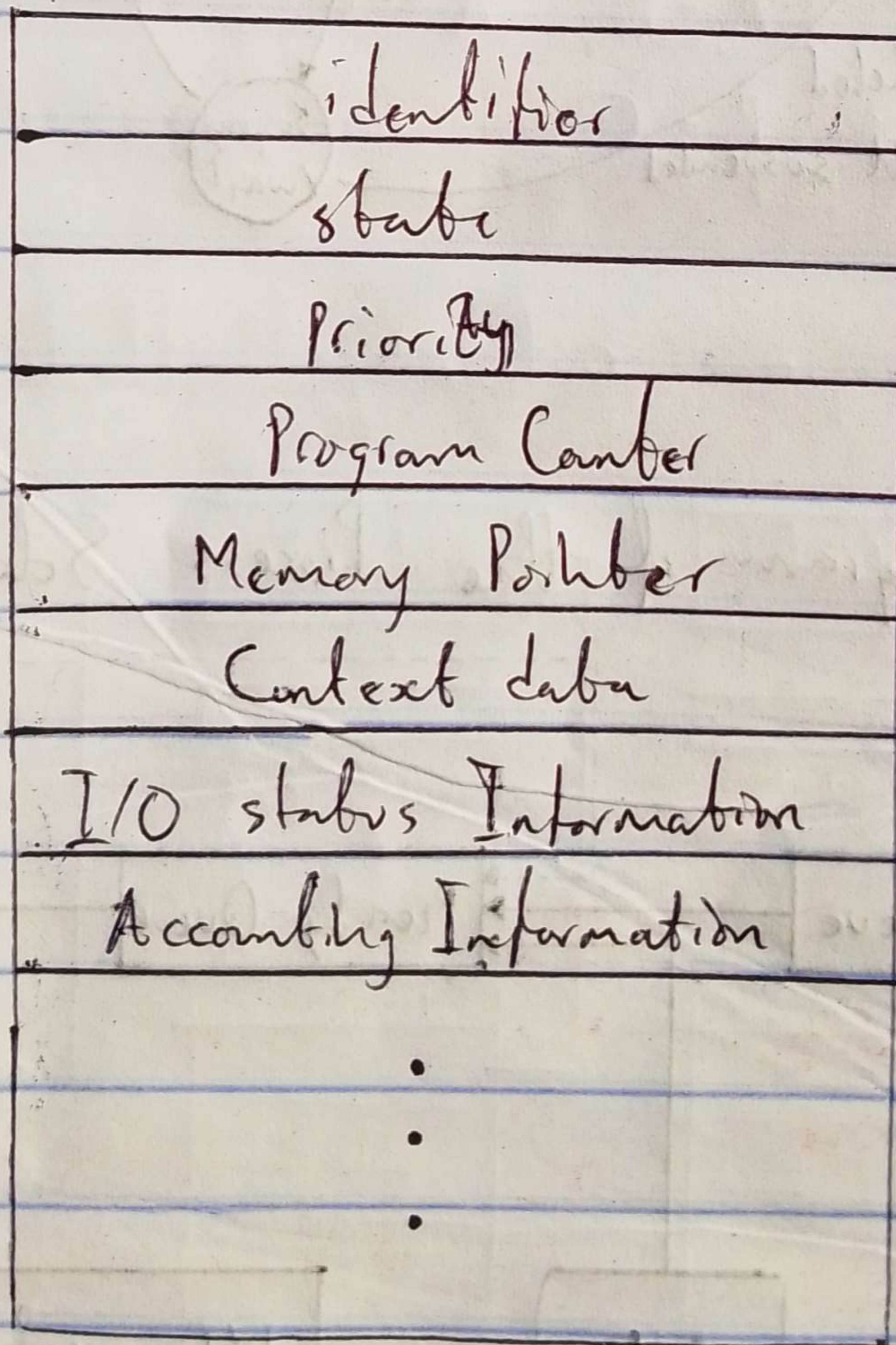
1 a Draw a diagram Combining the elements that uniquely identify a process?

Ans:



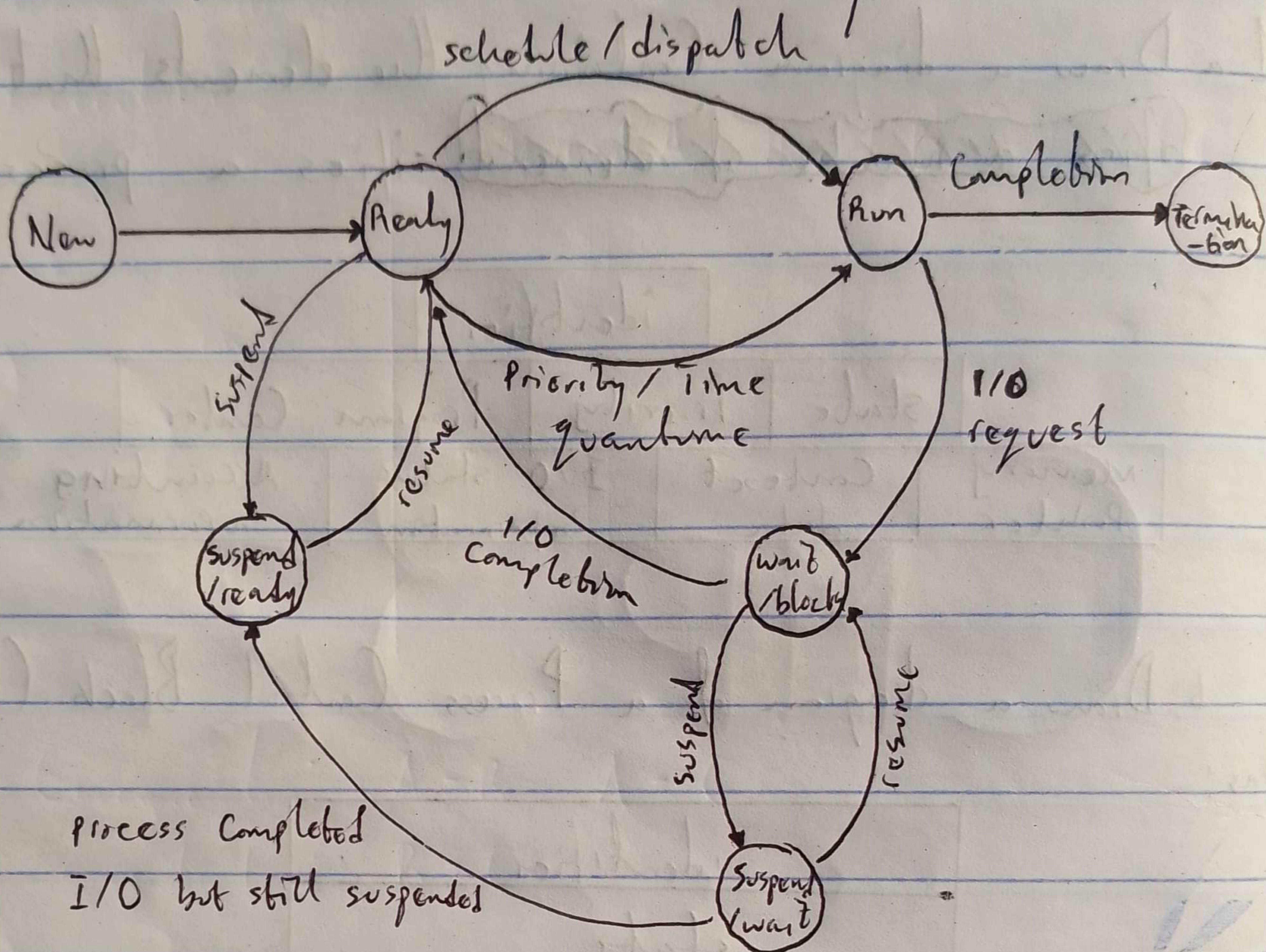
b Draw a diagram of a Process Control Block (PCB)?

Ans:



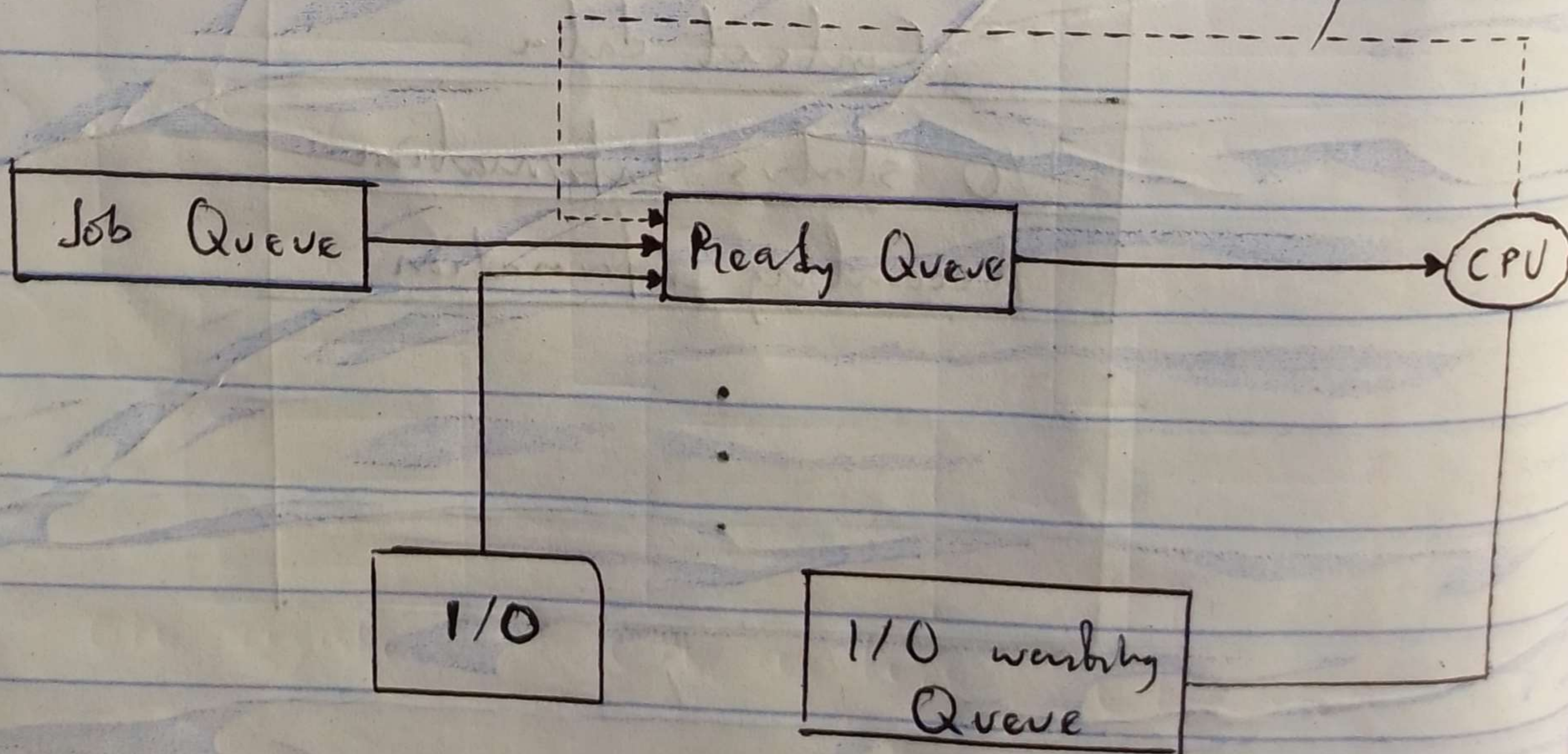
c Draw the Process State Diagram?

Ans



d Draw a diagram of the Process Scheduling Queue

Ans :



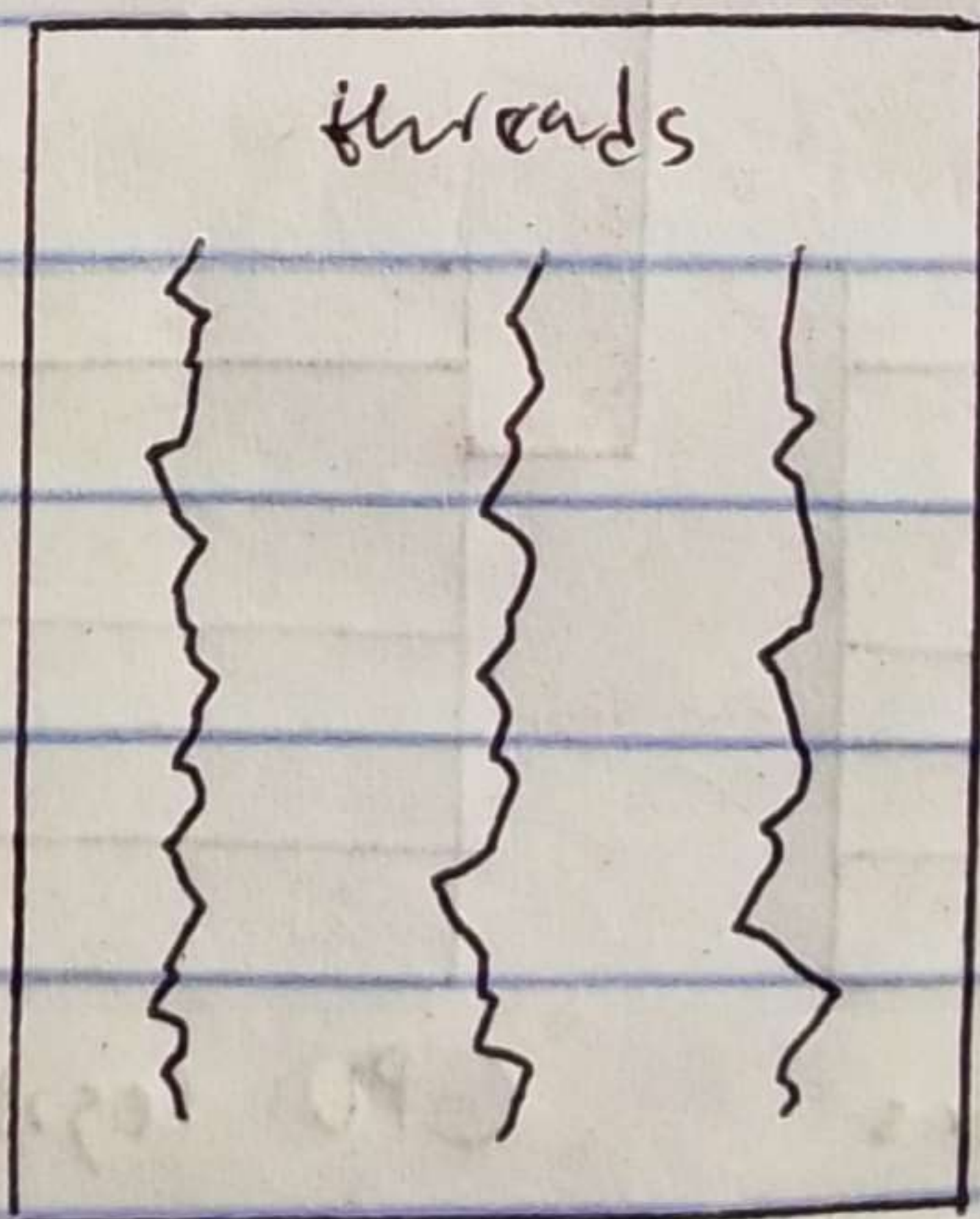
d Draw a Table Comparing schedulers

Ans

	Long Term Scheduler	Short-term Scheduler	Medium-term Scheduler
1	It is a Job Scheduler	It is a CPU scheduler	It is a process swapping scheduler
2	Speed is lesser than others Short Term Scheduler	Fastest Scheduler	Second Fastest scheduler
3	It <u>controls</u> the degree of multiprogramming	It provides <u>lesser control</u> ^{the degree of} over multiprogramming	* <u>reduces</u> the degree of multiprogramming
4	<u>almost absent</u> or minimal in time-sharing system	<u>minimal</u> in time-sharing system	It is a part of Time-sharing systems
5	It selects processes from pool and <u>loads them into memory</u> for execution	It selects those processes which are ready to execute	It can re-introduce the process into memory and continue execution

e Draw a Process Containing Threads ?

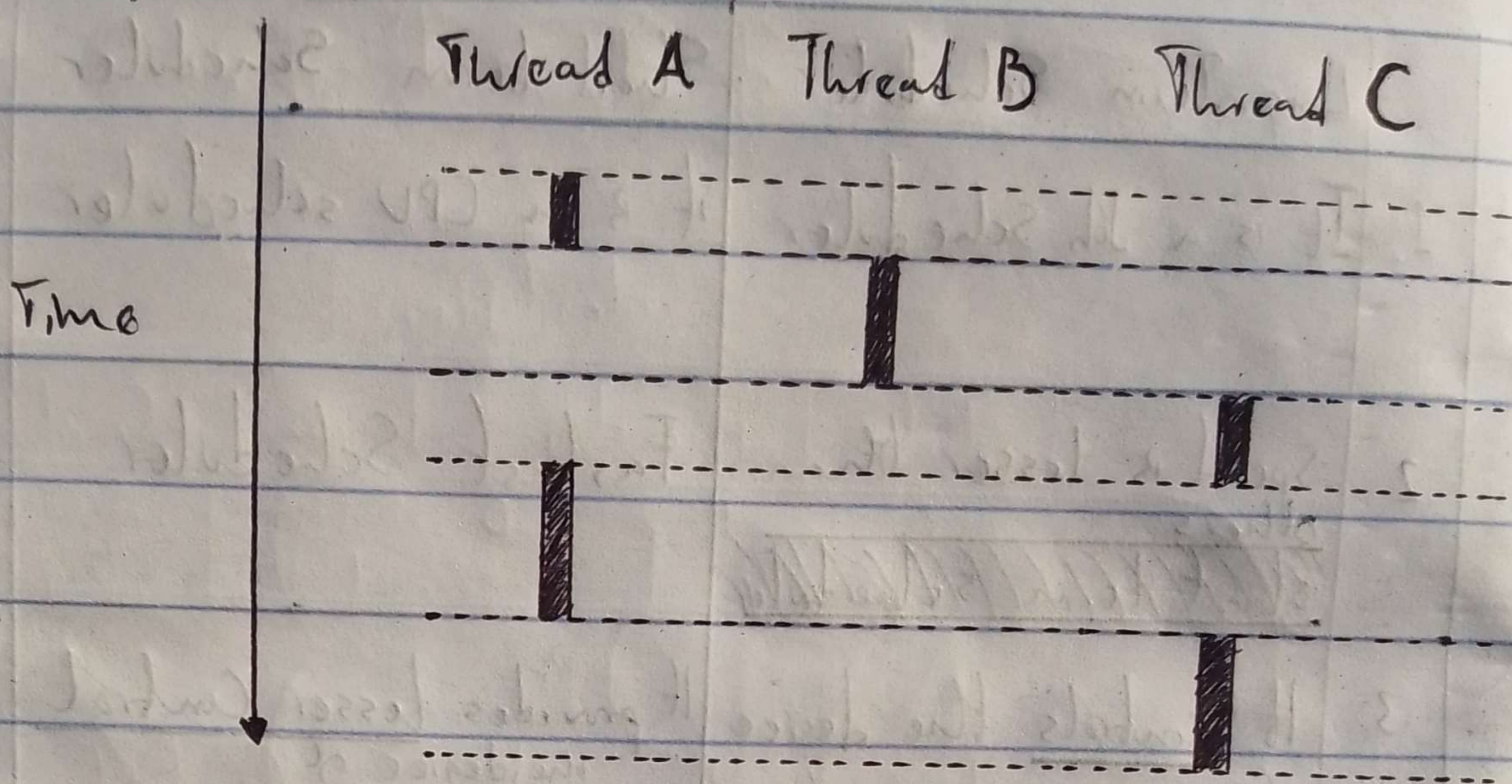
Ans :



Process

8 Draw a diagram Concurrent and Sequential Thread Execution?

Ans:

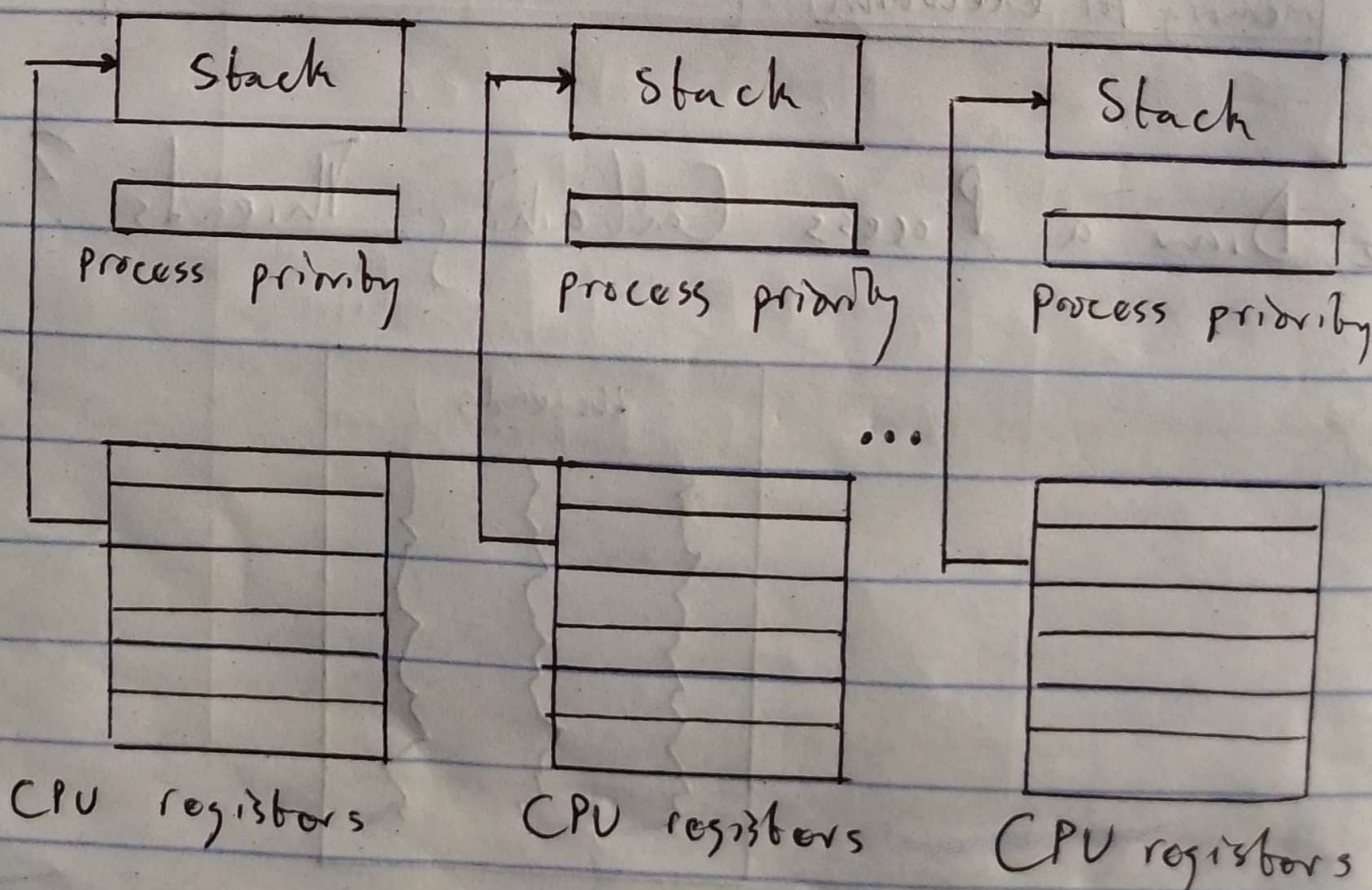


Concurrent : A - B, A - C

Sequential : B - C

9 Draw a diagram containing multiple processes

Ans:



Q Draw a diagram of the Dispatcher?

Ans : From Other states

