Deadlock:-

If a system is said to be deadlock state if exists a set of transaction {T0 T1 T2 T3 ….Tn} such that Each transaction in set is waiting for releasing any resource by any other transaction in that set.

Condition for deadlock

🡪Mutual Exclusion

Non Sharable

🡪No Preemption

Forcefully release of resource is allowed

🡪Circular Wait

Hold request in cycle

🡪Hold & Wait

Hold and wait the resources.