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Task 7 : Summary of 8.5 Dining Philosophers Problem and Deadlock

The dining philosophers problem illustrates deadlock, here philosophers in a table need two forks to eat. If all grab their fork simultaneously no-one can take the right fork so they will starve. This scenario helps to show the importance of managing resources properly to avoid deadlocks. like deadlock which means blocking of two or more threads based on four conditions, Mutual exclusion, No preemption, Hold and wait and lastly circular wait is need to be done and check properly otherwise conflict will occur among threads and as we see in dining table problem.