## ? Class Definition:

- Railway is a class that simulates a ticket reservation system.
- The constructor (\_\_init\_\_) initializes the available berths.
- The reserve method checks if there are enough berths to allocate to the thread requesting them.

## **Description** Logic in reserve Method:

- The reserve method prints the number of available berths.
- If the available berths are sufficient (available >= wanted), the berth is allocated, and a delay (sleep(1.5)) simulates the printing of the ticket.
- If insufficient berths are available, it prints an apology message.

## Thread Creation:

- Two threads (t1 and t2) are created, both targeting the reserve method of the Railway object and requesting 1 berth each.
- Thread names ("First Person" and "Second Person") are set for identification.

## ? Thread Execution:

- Both threads are started (t1.start() and t2.start()).
- The join() method ensures that the main program waits for both threads to complete.