ASSIGNMENT 2 REPORT

PROBLEM DEFINITION

In this assignment, we are expected to gain operations of stacks and operations of queues. Main subject of homework create ticket sales system with using queue and stack.

METHODS AND SOLUTIONS

First I create passenger and flight struct that includes queues and stacks. Passenger struct hold passengers name and priority features. Flight struct include business, business priority, economy, economy priority ,standard queue and business, economy, standard stacks. Stacks in flight struct hold passenger pointers. If seat has passenger, stack elements hold passengers name and priority features. Otherwise passenger names and priority of them is null. Then, queue in flight struct hold enqueue passengers. When comes sell command from commands text file I put queue items to stacks. And when program takes close command to any flight, I stop everything expect only read command to this flight.

FUNCTİONS İMPLEMENTED AND NOT İMPLEMENTED

I added all of commands in assignment pdf. But I didn't implement as function, instead of I operate that command in if blocks.