

# ASSIGNMENT-2

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## PROBLEM DEFINITION

In this experiment, you are expected to gain knowledge on C language by applying it to stack and priority queue. Prior knowledge on basic C syntax is required.

## Solution

-Read input file dynamically line by line

-Take the commands and the other informations about the command.

-Do commands

--Addseat--

Creates new flight if the flight which is given the command line isn't there ,and, adds new seat to the flight.

--Enqueue--

Creates new queue if the queue is not there, if there is the queue of flight, adds new person to the queue.

--Sell--

Sells the tickets to people who are in the queue.

--Close--

Closes the flight for selling and enqueue, and opens for information the flight.

--Report--

Reports the information of the flight.

--Info--

Gives information of the given passenger.