

Hotel Program

Design a program for a hotel with 10 rooms.

Add a menu system, which allow the user to choose what they want to select. Enter an 'A' to add a customer to a room, and a 'V' to view all rooms. When an 'A' is pressed it should do the Add procedure, or a 'V' should do the View procedure.

One by one, add extra procedures to do each of the following. The user should be able to choose from the menu what the program does.

E: Display Empty rooms,

D Delete customer from room,

F Find room from customer name (the search should not be case sensitive).

S Store program array data into a plain text file,

L Load program data back from the file into the array.

O: View rooms Ordered alphabetically by name. Write the sort algorithm code yourself rather than using an in-built sort function.

Note: Your solution should be a console application (not windows), and must be closely based on the solution in the lecture notes.