Explanation:

This code is a search function that searches for a specific value in a struct array. The struct contains 9 fields (loc1, loc2, price, room, bathroom, carpark, type, area, and furnish) and the function takes in three parameters: the struct array, the value to be searched, and the column name in which the value should be searched.

The function starts by comparing the column name with the 9 fields in the struct. If the column name matches one of the fields, it enters that corresponding if statement. Inside the if statement, the function uses a for loop that iterates through each element of the struct array, and checks if the search value is present in the corresponding field of the struct array using the strstr() function. If the value is present, the function prints the complete row of data at that index using the printf() function.

Flowchart:Diagram, schematic

Description automatically generated