Create a data structure that holds the following: name, address, city state and zip, telephone number, account balance, and last payment.

Create the following 5 functions that pass the file stream variable by reference: add records, search for record and display it, search for record and delete it, search for record and edit it, and display all the contents.

Create the main function

Declare an integer for choice

Create a stream variable

Create a while loop

Display the menu options

Get user input

Validate the input

Process the selection

Each case should call to the appropriate function.

END while loop

End main function

Create add record function

Declare a structure variable to hold input

Open the file in binary format

Verify that the file opened correctly

Prompt user to enter all data for the record

Validate record entries

Write record to the file

Close file

END add record function

Create view record function

Declare record number variable

Open file

Get the record number from user

Seek to the record

Read the record

Display the record

Close file

End view record function

Create delete record function

Create structure variable get record variable

Open file

Validate the file is open

Get input from user for which function to be deleted

Validate user input

Seek to the record in the file

Delete the record creating a blank space

Close the file

End delete record function

Create edit record function

Declare record number variable and structure variable

Open the file for input, output, and binary

Validate that the file is open

Ask user which record to edit

seek to the record

write to the file

close file

End edit record function

Create display contents function

Open file

Validate file it open

Display all file contents

Close file

End display contents function