

Explanation:  
Decalre struct then display menu and scan  
for user input then display data that user  
asked for.

int main()

```
char loc1[4000][255], loc2[4000][255], price[4000][255],  
room[4000][255], bathrooms[4000][255], carpark[4000][255],  
type[4000][255], area[4000][255], furnish[4000][255];
```

```
FILE *fp = fopen  
("file.csv", "r")
```

Declare int line

fp == NULL

True

Display "File does not  
exist!"

END

fclose(fp)

Display "Column  
\"%s\" does not exist!"

Doesnt exist

while(!feof(fp))

True

False

```
Declare char  
dataX[255],  
columnName[255];
```

Display "Type "[DataX] in  
[ColumnName]" to search: "

Input char datax and  
columnname

if(strcmp  
(columnName,?)

loc1

loc2

room

bathroom

carparks

type

furnish

if data exist

if data exist

if data exist

if data exist

if data exist

if data exist

if data exist

Explanation:

declare are variable as char so we can use strcmp  
then take user input in the format of datax in columnname  
search through each piece of data then print it out.

line++

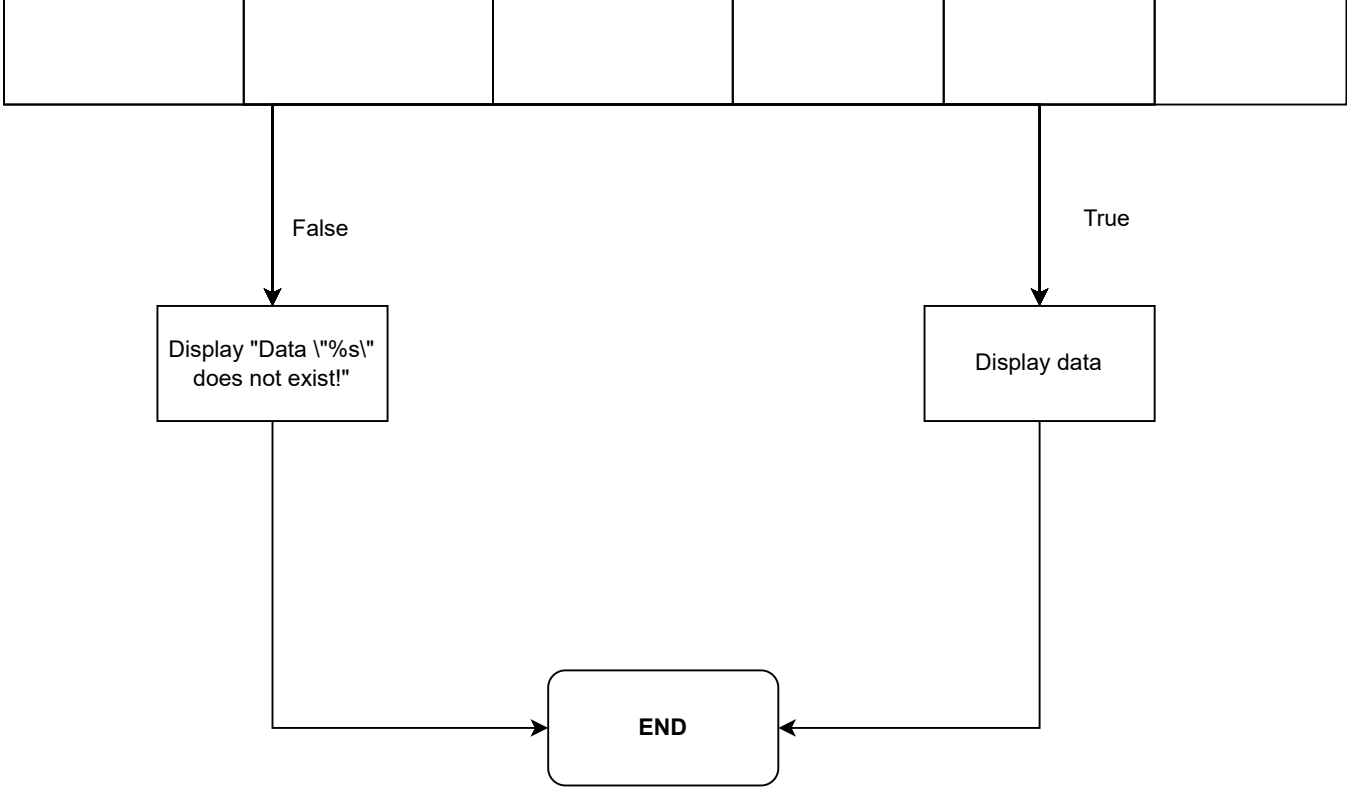
Scan data  
from file

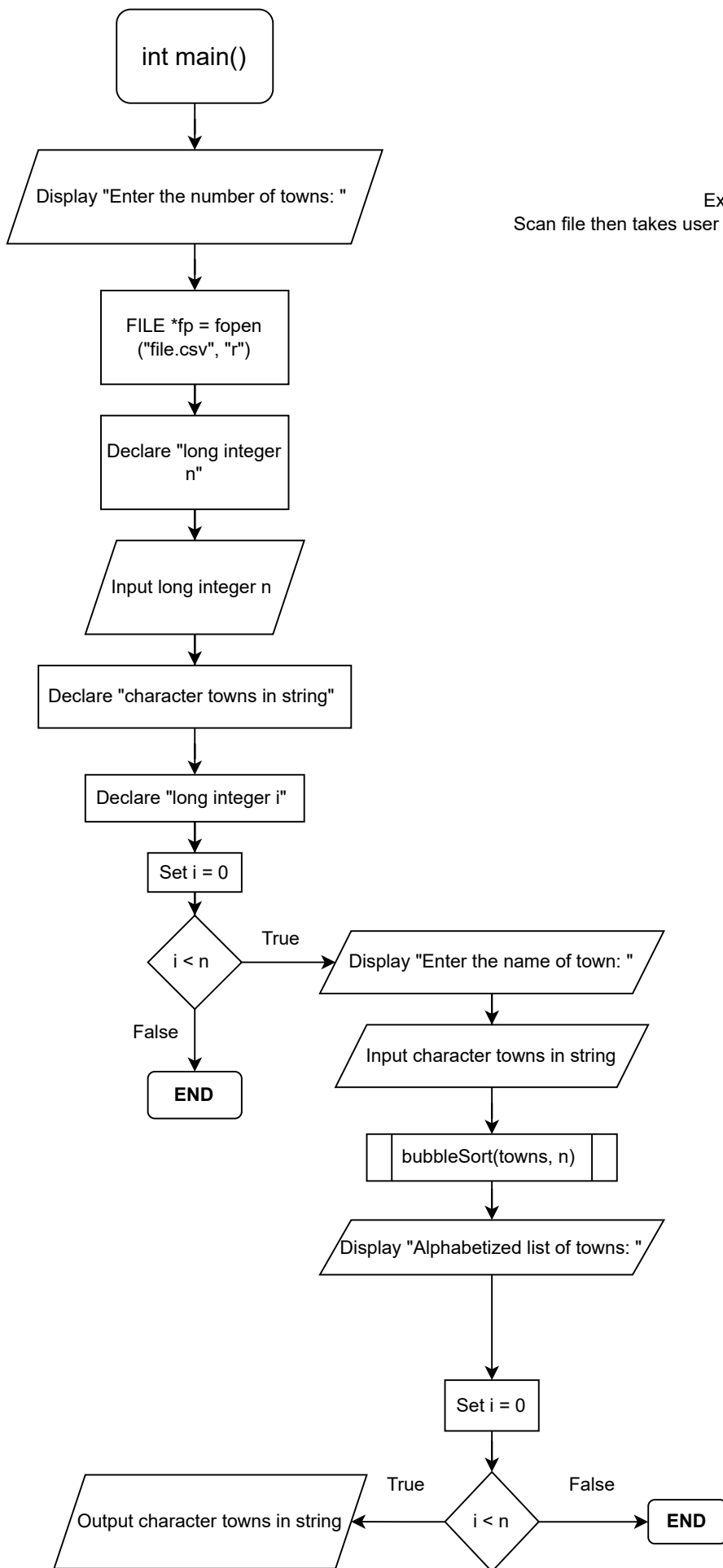
False

True

scan "Header"

line++





Explanation:  
Scan file then takes user input and sort using bubble sort

