#include<stdio.h>

#include<iostream>

#include<curses.h>

#include<stdlib.h>

#include<fstream>

#include<string.h>

using namespace std;

void opener(fstream &file, char \*fn,ios\_base::openmode mode)

{

file.open(fn,mode);

if(!file)

{

cout<<"unable to open the file \n ";

getch();

exit(1);

}

}

void match(fstream &file1 ,fstream &file2 ,fstream &ofile)

{

char s1[25] ,s2[25];

file1.getline(s1,25,'\n');

file2.getline(s2,25,'\n');

while(!file1.eof() && !file2.eof())

{

if(strcmp(s1,s2)== 0)

{

ofile<<s1<<"\n";

cout<<s1<<endl;

file1.getline(s1,25,'\n');

file2.getline(s2,25,'\n');

}

else if(strcmp(s1,s2)<0)

file1.getline(s1,25,'\n');

else

file2.getline(s2,25,'\n');

}

}

int main()

{

fstream list1,list2,outlist;

curscr;

opener(list1,"name1.txt",ios::in);

opener(list2,"name2.txt",ios::in);

opener(outlist,"names.txt",ios::out);

match(list1,list2,outlist);

cout<<"name1.txt & name2.txt matching names in names.txt\n";

list1.close();

list2.close();

outlist.close();

getch();

return 0;

}