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//////////
//
//  www.maknoon.com
//
//////////

#include<ctype.h>
#include <iostream>
#include<fstream>
#include<string>
#include<cstring>
//struct infor{
//char    *ptr,*ptr1,*ptr11,*ptr2,*ptr3,*ptr4,*ptr5;
//}
using namespace std;

int main (int argc, char *argv[])
{

int i,len4=0,found=0,len5=0,len6=0,lenS=0,lenA=0,lenT=0,n=0;
    char G[20],s[80],c[80],A[40],S[40],line[150];
    char    *ptr,*ptr1,*ptr11,*ptr2,*ptr3,*ptr4,*ptr5;
    char z,a[20],T[80],t[20],B[80],b[80],D[80],d[80];
ifstream books2("books2",ios::in);
ofstream file3("file3",ios::out);

// cin.getline(A,20);//do nothing

    strcpy(a,argv[1]);
// cin.getline(A,40);
len4=strlen(argv[1]);
for(i=0;i!=20;i++)
{ z= tolower(a[i]);
  B[i]=z;
}

// cin.getline(T,40);
    strcpy(c,argv[2]);
len5=strlen(argv[2]);
for(i=0;i!=80;i++)
{ z= tolower(c[i]);
  T[i]=z;
}

// cin.getline(S,40);
strcpy(s,argv[3]);
len6=strlen(argv[3]);
for(i=0;i!=20;i++)
{ z= tolower(s[i]);
  D[i]=z;
}


//cout<<len3;

while( books2.getline(line,150))
{

    ptr=strtok(line,"\t");
    for(i=0;i!=20;i++)
    { z= tolower(ptr[i]);
      b[i]=z;
    }
    ptr1=strtok(NULL,"\t");
    for(i=0;i!=20;i++)
    { z= tolower(ptr1[i]);
      t[i]=z;
    }
    ptr11=strtok(NULL,"\t");

for(i=0;i!=20;i++)
{ z= tolower(ptr11[i]);

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    d[i]=z;
}
ptr2=strtok(NULL, "\t");

ptr3=strtok(NULL, "\t");
ptr4=strtok(NULL, "\t");
ptr5=strtok(NULL, "\t");

//if ((len4==lenA) && (len5==lenT) && (len6==lenS))
// {
    if ( strcmp(B,b,len4)==0)
    {
        // cout<<"ahmed1"<<endl;

        if (strcmp(T,t,len5)==0)

            {
                // cout<<"ahmed2"<<endl;
                if (strcmp(D,d,len6)==0)
                {
                    n++;

file3<<"the auther is is : "<<ptr<<endl
<<"title is: "<<ptr1<<endl
<<"the subject is: "<<ptr11<<endl
<<"the publisher is: "<<ptr2<<endl

<<"item ISBN is: "<<ptr3<<endl

<<"the item no "<<ptr4<<endl

<<"stutas is "<<ptr5<<endl
<<"_____ "<<endl;

        found++;

    }
}

// }

}

if (found==0)
    file3<<"the search is not found"<<endl;

books2.close();

return 0;
}

```