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//  www.maknoon.com
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#include<iostream.h>
#include<fstream.h>
#include<string.h>

using namespace std;

void add(char*, char*);

int main(int argc , char *argv[])
{
    int found=0,found2=0,count=0,i;
    char line[100];
    char *tokenPtr,*tokenPtr2;
    char bookId[30],stdId[30];
    char Id[30];

    ifstream borrow("borrow.dat",ios::in);
    ofstream sorry("sorry.dat",ios::out);

    //cout<<"please enter the book Id"<<endl;
    //cin>>bookId;
    strcpy(bookId,argv[1]);
    strcpy(stdId,argv[2]);

    for(i=0;bookId[i]!='\0';i++)
        { if(bookId[i]>'a' && bookId[i]<'z')
            found2++;
        }

    if(found2!=0)
        sorry<<"the Id must be numbers"<<endl;

    else
    {
        while(borrow.getline(line,100))
        {
            tokenPtr =strtok(line,"\t");

            tokenPtr2= strtok(NULL,"\t");

            strcpy(Id,tokenPtr);

            if (strcmp(bookId,Id)==0)
                found++;
        }

        if (found==1)
            sorry<<"Sorry the book was borrowed"<<endl;

        else
        {
            sorry<<"This book is available in the library"
            <<" "<<"and You can borrow it."<<endl;

            borrow.close();

            add( bookId,stdId );
        }
        return 0;
    }

void add(char bookId[30], char stdId[30])

{

    char n[30],studentId[100];
    char *Ptr1,*Ptr2;
    int count=0,count1=0,found1=0,i;

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ofstream add("borrow.dat",ios::app);
ofstream sorry("sorry.dat",ios::out);

//cout<<"\n"<<"please enter the student Id"<<endl;
//cin>>stdId;

for(i=0; stdId[i]!='\0';i++)
{
    count1++;
    if(stdId[i]>'a' && stdId[i]<'z')
        found1++;
}

if(count1!=4)
    sorry<<"the stdId must be four numbers only"<<endl;
else
{
    if(found1!=0)
        sorry<<"the stdId must be numbers"<<endl;

    else
    {
        ifstream student("students.dat",ios::in);

        while(student.getline(studentId,100))
        {

            Ptr1= strtok(studentId,"\t");
            Ptr2= strtok(NULL,"\t");

            strcpy(n,Ptr2);

            if(strcmp(n,stdId)==0)
                count++;
        }
        if(count==1)
        {
            add<<bookId<<"\t"<<stdId<<endl;
            sorry<<" The borrow operation is done"<<endl;
        }
        else
            sorry<<"student Id is wrong"<<endl;
    }
}
}

```