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#include<stdlib.h>
#include<iostream.h>
#include<fstream.h>
#include<string.h>
#include<conio.h>
class person
{
public:char name[10];
}s;
fstream f1,f2,f3;
void rev(fstream &out,char name[10])
{
    char *r;

    cout<<"\n reverse of the name is";
    r=name+strlen(name)-1;
    while(r>=name)
    {
        cout<< *r;
        out<< *r;
        r--;
    }
    cout<<"\n";
    out<<"\n";
}
void main()
{
    int m ;
    clrscr();
    cout<<"enter the number of names\n";
    cin>>m;
    f1.open("1.txt",ios::out);
    for(int i=0;i<m;i++)
    {
        cout<<"enter th name\n";
        cin>>s.name;
        rev(f1,s.name);
    }
    f1.close();
    cout<<"\n reverse of th entered names are written to file 1 \n";
    f1.open("1.txt",ios::in);
    f2.open("2.txt",ios::out);
    while(1)
    {
        f1.getline(s.name,'\n');
        if(f1.eof()) break;
        rev(f2,s.name);
    }
    f1.close();
    f2.close();
    cout<<"\n reverse of the names in file 1 a written to file
2."<<"\n";
    f2.open("2.txt",ios::in);
    f3.open("3.txt",ios::out);
    while(1)
    {
        f2.getline(s.name,'\n');
        if(f2.eof()) break;

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        rev(f3,s.name);
    }
    f2.close();
    f3.close();
    cout<<"\n reverse of the names in file 2 are written to file
3."<<"\n";
    getch();
}
```