**Search**

#include<iostream>

#include<fstream>

#include<stdlib.h>

using namespace std;

class student

{

char name[40];

char grade;

float marks;

int rollno;

public:

void getdata()

{

cout<<"Enter name: ";

//cin.getline(name,40);

cin>>name;

cout<<"Enter grade: ";

cin>>grade;

cout<<"Enter marks: ";

cin>>marks;

cout<<"Enter Roll number: ";

cin>>rollno;

}

void display()

{

cout<<"Name: "<<name<<endl;

cout<<"Grade: "<<grade<<endl;

cout<<"Marks: "<<marks<<endl;

cout<<"Roll no: "<<rollno<<endl;

}

int getrollno()

{

return(rollno);

}

};

int main()

{

int i,ch;

system (" cls ");

student arts;

//fstream fillin;

ofstream fillin;

fillin.open("g:\\mrigank\\StudentSearch.dat",ios::out|ios::binary);

if (!fillin)

{

cout<<"Cannot open file!!";

return(1);

}

do

{

cout<<"Enter details for students: "<<endl;

arts.getdata();

fillin.write((char\*)&arts,sizeof (arts));

cout<<"Press 1 to continue or any other key to discontinue: ";

cin>>ch;

}while(ch==1);

fillin.close();

ifstream fillinn;

fillinn.open("g:\\mrigank\\StudentSearch.dat",ios::in|ios::binary);

cout<<" \n Enter the roll number to be searched: ";

int r;

cin>>r;

int count=0;

while(!fillinn.eof ())

{

fillinn.read((char\*)&arts,sizeof(arts));

if (arts.getrollno()==r)

{

arts.display();

count++;

}

}

if (count==0)

cout<<"Roll number not found: ";

fillinn.close();

system("pause");

return (0);

}

