OOP Quize1

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Code//

#include<bits/stdc++.h>

using namespace std;

class Student{

public:

int id;

string name;

int mark;

public:

string calcscore(){

// cout<<"The student which Id = "<<id<<" and his name is "<<name<<" has score ";

int s=mark;

if(s>=0&&s<=30)return"F";

else if(s>30&&s<=40)return"E";

else if(s>40&&s<=50)return"D";

else if(s>50&&s<=60)return"C";

else if(s>60&&s<=70)return"C+";

else if(s>70&&s<=80)return"B+";

else if(s>80&&s<=90)return"A";

else return"A+";

}

};

int main(){

const int sz=10;

Student arr[sz];

ifstream infile("file org.txt",ios::in);

int i,m;string s;

for(int i=0;i<10;i++){

infile>>i>>s>>m;

arr[i].id=i;arr[i].name=s;arr[i].mark=m;

}infile.close();

ofstream outfile("file org.txt",ios::out|ios::app);//the best shape

for(int i=0;i<10;i++){

outfile<<"The student which Id = "<<arr[i].id<<" and his name is "<<arr[i].name<<" has score ";

outfile<<arr[i].calcscore()<<endl;

cout<<"The student which Id = "<<arr[i].id<<" and his name is "<<arr[i].name<<" has score ";

cout<<arr[i].calcscore()<<endl;

}

outfile.close();

return 0;

}

101 Khaled\_Ali 67

102 Samy\_Omer 75

103 Hoda\_Khalil 87

104 Naser\_Mohamed 86

105 Nadia\_Girgs 65

106 Hany\_Saied 70

107 Hala\_Khalifa 88

108 Hamdy\_Rady 80

109 Omr\_Ahmed 90

110 Nahed\_Ali 56