Student.h

#ifndef STUDENT\_H

#define STUDENT\_H

#include <string>;

class Student

{

private:

std::string name;

int score;

char grade;

public:

Student();

Student(std::string name, int score);

~Student();

void print();

};

#endif

Student.cpp

#include "Student.h"

#include <iostream>

using namespace std;

Student::Student() {};

Student::Student(string nm, int sc)

{

name = nm;

score = sc;

char temp[] = { 'F','F','F','F','F','F','D','C','B','A','A' };

grade = temp[score / 10];

};

Student::~Student() {};

void Student::print()

{

cout << name << " " << score << " " << grade << endl;

};

Main.cpp

#include <iostream>

#include "Student.h"

using namespace std;

int main()

{

Student stu[5];

stu[0] = Student("Tom", 85);

stu[1] = Student("Alice", 71);

stu[2] = Student("Jack", 93);

stu[3] = Student("Janet", 76);

stu[4] = Student("John", 66);

stu[0].print();

stu[1].print();

stu[2].print();

stu[3].print();

stu[4].print();

return 0;

}

A screenshot of a computer

Description automatically generated

Demonstrated at 11:01 am on Tuesday, August 31, 2021