#include <iostream>

#include <string>

using namespace std;

struct Student

{

string name;

string id;

double gpa;

Student(string n, string i, double g)

{

name = n;

id = i;

gpa = g;

}

Student()

{

}

void printStudent()

{

cout << name << endl;

cout << id << endl;

cout << gpa << endl << endl;

}

};

Student findHighest(Student []);

int main()

{

Student students[3];

students[0] = Student("Jack Jones", "M1234", 3.45);

students[1] = Student("Mary Astor", "M2345", 3.75);

students[2] = Student("Danny Divito", "D5436", 2.45);

for (int i = 0; i < 3; i++)

{

students[i].printStudent();

}

cout << "Most outstanding student: " << endl;

findHighest(students).printStudent();

return 0;

}

Student findHighest(Student s[])

{

int maxIndex = 0;

for (int i = 1; i < 3; i++)

{

if (s[i].gpa > s[maxIndex].gpa)

maxIndex = i;

}

return s[maxIndex];

}