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#include <iostream>
#include <math.h>
#include <string.h>
using namespace std;
class ThiSinh
{
    private :
        char hoten [50];
        char ngaysinh [20];
        float DiemthiWord;
        float DiemthiExcel;
        float Diemthitracnghiem;
    public :
        ThiSinh ();
        ThiSinh (char* Hoten, char* Ngaysinh, float DiemthiWord, float DiemthiExcel, float Diemthitracnghm);
        void Nhap ();
        void Xuat ();
        int KetQua ();
};

int main()
{
    ThiSinh thisinh;
    cout<<"-----NHAP THONG TIN THI SINH-----"<<endl;
    thisinh.Nhap();
    cout<<"-----XUAT THONG TIN THI SINH-----"<<endl;
    thisinh.Xuat();

    return 0;
}
ThiSinh::ThiSinh ()
{
}
ThiSinh::ThiSinh (char *HoTen, char* NgaySinh, float DiemthiWord, float DiemthiExcel, float Diemthitracnghiem)
{
    strcpy(hoten, HoTen);

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    strcpy(ngaysinh, NgaySinh);
    this->DiemthiWord = DiemthiWord;
    this->DiemthiExcel = DiemthiExcel;
    this->Diemthitracnghiem = Diemthitracnghiem;
}

void ThiSinh::Nhap ()
{
    cout<<"-Nhap ho ten thi sinh: ";
    fflush(stdin);
    gets(hoten);
    cout<<"-Nhap ngay sinh: ";
    fflush(stdin);
    gets(ngaysinh);
    cout<<"-Nhap diem thi mon word: ";
    cin>>DiemthiWord;
    cout<<"-Nhap diem thi mon excel: ";
    cin>>DiemthiExcel;
    cout<<"-Nhap diem thi trac nghiem: ";
    cin>>Diemthitracnghiem;
}

void ThiSinh::Xuat ()
{
    cout<<"-Ho ten thi sinh: "<<hoten<<endl;
    cout<<"-Ngay sinh: "<<ngaysinh<<endl;
    cout<<"-Diem thi word: "<<DiemthiWord<<endl;
    cout<<"-Diem thi excel: "<<DiemthiExcel<<endl;
    cout<<"-Diem thi trac nghiem: "<<Diemthitracnghiem<<endl;

    if(KetQua() == 1)
        cout<<"-Ket qua: Dau.";
    else
        cout<<"-Ket qua: Rot.";
}

int ThiSinh:: KetQua ()
{

```

```
float DiemTB;  
DiemTB= (DiemthiWord + DiemthiExcel + Diemthitracnghiem)/3;  
if (DiemTB >=5 && DiemthiWord >=5 && DiemthiExcel >=5 &&Diemthitracnghiem >=5)  
    return 1;  
else  
    return 0;  
}
```