**Nhập Mã Ts A1001, tổng điểm Min**

#include<stdio.h>

#include<conio.h>

#include<string.h>

struct thisinh

{

char mts[6], ht[30];

float diemtoan,diemanh;

};

float tinhtd(struct thisinh tst){

return tst.diemtoan+tst.diemanh;

}

int main()

{

struct thisinh ts[100];

int i,n;

printf("Nhap so thi sinh: "); scanf("%d",&n);

for(i=0;i<n;i++)

{ printf("Nhap thi sinh %d\n",i+1);

printf("Ma thi sinh: ");fflush(stdin);gets(ts[i].mts);

printf("Ho ten thi sinh: ");fflush(stdin); gets(ts[i].ht);

printf("Nhap diem toan: "); fflush(stdin); scanf("%f",&ts[i].diemtoan);

printf("Nhap diem anh: ");fflush(stdin); scanf("%f",&ts[i].diemanh);

}

for(i=0;i<n;i++){

if(ts[i].mts[0]=='A' && ts[i].mts[1]=='1' && ts[i].mts[2]=='0'&&ts[i].mts[3]=='0' && ts[i].mts[4]=='1'){

printf("\nMa thi sinh: %s",ts[i].mts);

printf("\nHo ten: %s",ts[i].ht);

printf("\nDiem toan: %5.1f",ts[i].diemtoan);

printf("\nDiem anh: %5.1f",ts[i].diemanh);

printf("Tong diem: %5.1f",tinhtd(ts[i]));

printf("\n");

}

}

struct thisinh tsMin=ts[0];

printf("\nThi sinh co tong diem nho nhat la:");

for (i = 0; i < n; i++) {

if(tinhtd(tsMin) > tinhtd(ts[i])) tsMin=ts[i];

for(i=0;i<n;i++){

if(tinhtd(tsMin)==tinhtd(ts[i]))

printf("\n%-5s %-10s toan:%5.1f anh:%5.1f td:%5.1f",tsMin.mts,tsMin.ht,tsMin.diemtoan,tsMin.diemanh,tinhtd(tsMin)) ;

printf("\n");

**Nhập thí sinh tên Thùy, tuổi nhỏ nhất.**

#include<stdio.h>

#include<conio.h>

struct thisinh{

char mts[10],ten[5];

int ns;

};

int tinhtuoi(struct thisinh tst){

return 2024-tst.ns;

}

main()

{

struct thisinh ts[100];

int i,n;

printf("Nhap so thi sinh: "); scanf("%d",&n);

for(i=0;i<n;i++){

printf("Nhap sinh vien %d:\n",i+1);

printf("Nhap ma thi sinh: "); fflush(stdin); gets(ts[i].mts);

printf("Nhap ten thi sinh: ");fflush(stdin);gets(ts[i].ten);

printf("Nhap nam sinh: ");scanf("%d",&ts[i].ns);

}

for(i=0;i<n;i++){

if(ts[i].ten[0]=='T'&& ts[i].ten[1]=='h'&& ts[i].ten[2]=='u'&&ts[i].ten[3]=='y'){

printf("\nMaTs: %s",ts[i].mts);

printf("\nTen: %s",ts[i].ten);

printf("\nNam sinh:%d",tinhtuoi(ts[i]));

}

}

struct thisinh TuoiMin=ts[0];

printf("\nThi sinh nho tuoi nhat la: ");

for(i=0;i<n;i++){

if(tinhtuoi(TuoiMin) > tinhtuoi(ts[i])) TuoiMin=ts[i];}

for(i=0;i<n;i++){

if(tinhtuoi(TuoiMin)== tinhtuoi(ts[i]))

printf("%-5s %-10s %d",TuoiMin.mts,TuoiMin.ten,tinhtuoi(TuoiMin));

}

}

**Tính tổng điểm 3 môn mỗi sv, In ra tổng điểm max**

#include <stdio.h>

#include <string.h>

#include <conio.h>

struct sinhvien {

char Masv[10];

char Hoten[50];

float Diemtoan;

float Diemly;

float Diemhoa;

};

float td(struct sinhvien svt) {

return svt.Diemtoan + svt.Diemly + svt.Diemhoa;

}

int main() {

int n,i;

printf("So sinh vien: ");

scanf("%d", &n);

struct sinhvien sv[100];

for ( i = 0; i < n; i++) {

printf("Sinh vien thu %d:\n", i + 1);

printf("Ma sv: ");fflush(stdin);gets(sv[i].Masv);

printf("Ho ten: ");fflush(stdin);gets(sv[i].Hoten);

printf("Diem toan: ");scanf("%f", &sv[i].Diemtoan);

printf("Diem ly: ");scanf("%f", &sv[i].Diemly);

printf("Diem hoa: ");scanf("%f", &sv[i].Diemhoa);

}

printf("\nTong diem sinh vien la:\n");

for( i = 0; i < n; i++){

printf("Ma sv: %s\n",sv[i].Masv);

printf("Ho ten: %s\n",sv[i].Hoten);

printf("Tong diem: %7.2f\n",td(sv[i]));

}

struct sinhvien svMax = sv[0];

for ( i = 1; i < n; i++) {

if (td(sv[i]) > td(svMax)) {

svMax = sv[i];

}

}

if (svMax.Diemtoan >= 5 && svMax.Diemly >= 5 && svMax.Diemhoa >= 5) {

printf("Sinh vien diem cao nhat va khong mon nao duoi 5 la:\n");

printf("Ma sv: %s\n", svMax.Masv);

printf("Ho ten: %s\n", svMax.Hoten);

printf("Tong diem: %.2f\n", td(svMax));

} else {

printf("Khong co sv. \n");

}

}

**In sinh viên tổng điểm max, sinh viên đỗ >=17 điểm**

#include<stdio.h>

#include<conio.h>

struct sinhvien

{

char msv[10],ht[20];

float tongdiem;

};

float tinhtd(struct sinhvien svt){

return svt.tongdiem;

}

int main()

{

struct sinhvien sv[100];

int i,n;

printf("Nhap so sv: "); scanf("%d",&n);

for(i=0;i<n;i++){

printf("Nhap sv %d\n",i+1);

printf("Ma sv: "); fflush(stdin); gets(sv[i].msv);

printf("Nhap ho ten: ");fflush(stdin);gets(sv[i].ht);

printf("Nhap tong diem: ");fflush(stdin); scanf("%f",&sv[i].tongdiem);

}

struct sinhvien svMax= sv[0];

printf("DS sinh vien co tong diem cao nhat la: \n");

for(i=0;i<n;i++){

if(tinhtd(svMax) <tinhtd(sv[i])) svMax=sv[i];}

for(i=0;i<n;i++){

if(tinhtd(svMax) == tinhtd(sv[i]))

printf("%-10s %-20s %5.2f\n",sv[i].msv,sv[i].ht,sv[i].tongdiem);}

printf("Ds sv do (tong diem>=17)\n");

for(i=0;i<n;i++)

{if(sv[i].tongdiem>=17)

printf("%-10s %-20s %5.1f\n",sv[i].msv,sv[i].ht,sv[i].tongdiem);

}

}

**Xếp loại Khá, Giỏi,.. Sinh viên**

#include<stdio.h>

#include<conio.h>

struct sinhvien{

char msv[10],ht[30];

float td;

};

main()

{

struct sinhvien sv[100];

int i,n;

printf("Nhap so sinh vien: "); scanf("%d",&n);

for(i=0;i<n;i++){

printf("Nhap sinh vien %d: \n",i+1);

printf("Msv: ");fflush(stdin);gets(sv[i].msv);

printf("Ho ten: ");fflush(stdin); gets(sv[i].ht);

printf("Tong diem: "); scanf("%f",&sv[i].td);

}

printf("Ds sinh vien la:\n");

for(i=0;i<n;i++){

printf("Sv %d\n",i+1);

printf("\nMsv: %s",sv[i].msv);

printf("\nHo ten: %s",sv[i].ht);

printf("\nTong diem: %5.2f\n",sv[i].td);

if(sv[i].td>=8) printf("Xep loai: Gioi");

if(8>sv[i].td>=7) printf("Xep loai: Kha");

if(7>sv[i].td>=6) printf("Xep loai: Trung binh");

if(sv[i].td<6) printf("Xep loai: Kem");

printf("\n");

}

}

**In danh sách nhân viên phòng kế toán, Sắp xếp tên tăng dần**

#include<stdio.h>

#include<conio.h>

#include<string.h>

struct nhanvien{

char mnv[10],ht[30],phongban[30];

};

int main()

{

struct nhanvien nv[100];

int i,n,j;

printf("Nhap so luong nhan vien: "); scanf("%d",&n);

for(i=0;i<n;i++){

printf("Nhan vien %d ",i+1);

printf("Ma nv: ");fflush(stdin);gets(nv[i].mnv);

printf("Ho ten: ");fflush(stdin);gets(nv[i].ht);

printf("Phong ban:");fflush(stdin);gets(nv[i].phongban);

}

printf("Ds nhan vien phong ke toan la:\n");

for(i=0;i<n;i++){

if(strcmp(nv[i].phongban,"Ke toan")==0)

printf("Ma nv: %s Ho ten: %s \n",nv[i].mnv,nv[i].ht);

}

printf("Sap xep theo ten: \n ");

for(i=0;i<n-1;i++){

for(j=i+1;j<n;j++){

if(strcmp(nv[i].ht,nv[j].ht)>0){

struct nhanvien tmp=nv[i];nv[i]=nv[j];nv[j]=tmp;

}

}

}for(i=0;i<n;i++){

printf("%-5s %-5s %-10s ",nv[i].mnv,nv[i].ht,nv[i].phongban);

printf("\n");

}

}