***VOLOUME 12***

#include<stdio.h>

#include<string.h>

struct student

{

int id;

char name[20];

float student\_course[20][20];

float student\_cgpa;

} students[20];

int main()

{

int number,subject;

**///this variable is for loop**

int student,course,calculation,result,counter,delet;

printf("How Many Student are you calculation cgpa\n");

scanf("%d",&number);

printf("How many Subject Per Student\n");

scanf("%d",&subject);

**///this loop is for student count**

for(student=0; student<number; student++)

{

printf("Enter your student name..\n");

scanf("%s",&students[student].name);

printf("Enter your student ID..\n");

scanf("%d",&students[student].id);

**///this loop is for course count**

for(course=0; course<subject; course++)

{

printf("Enter %d student %d course\n",student+1,course+1);

scanf("%f",&students[student].student\_course[student][course]);

}

}

**///this loop is calculation cgpa**

for(calculation=0; calculation<number; calculation++)

{

for(student=0; student<number; student++)

{

students[student].student\_cgpa=0;

for(course=0; course<subject; course++)

{

students[student].student\_cgpa=students[student].student\_cgpa+students[student].student\_course[student][course]\*3;

}

**///all subject is 3 credit**

students[student].student\_cgpa=students[student].student\_cgpa/(float)(subject\*3);

}

}

**///printout 10 student cgpa with array and loop**

for(result=0; result<number; result++)

{

printf("NAME: %s\n",students[result].name);

printf("ID: %d\n",students[result].id);

printf("CGPA: %.2f\n",students[result].student\_cgpa);

printf("\n");

}

return 0;

}