***VOLOUME 8***

#include<stdio.h>

int main()

{

int number,subject;

**///\*\*\*\*\*\*\*this array for Grade points**

float student\_course[20][20];

**///\*\*\*\*\*\*variable for calculate cgpa**

float student\_cgpa[20];

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

int student,course,calculation,result;

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 student counter**

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

{

**///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",&student\_course[student][course]);

}

}

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

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

{

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

{

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

{

student\_cgpa[calculation]=(((student\_course[student][course]\*1)+(student\_course[student][course]\*1)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3)+(student\_course[student][course]\*3))/(float)(26));

}

}

}

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

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

{

printf("%d Student CGPA is %.2f\n",result+1,student\_cgpa[result]);

}

return 0;

}