***VOLOUME 6***

#include<stdio.h>

int main()

{

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

float student\_course[10][10];

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

float student\_cgpa[10];

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

int course,student,result;

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

for(student=0; student<10; student++)

{

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

for(course=0; course<10; course++)

{

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

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

}

}

**///1st student cgpa calculation** student\_cgpa[0]=(((student\_course[0][0]\*1)+(student\_course[0][1]\*1)+(student\_course[0][2]\*3)+(student\_course[0][3]\*3)+(student\_course[0][4]\*3)+(student\_course[0][5]\*3)+(student\_course[0][6]\*3)+(student\_course[0][7]\*3)+(student\_course[0][8]\*3)+(student\_course[0][9]\*3))/(float)(26));

**///2nd student cgpa calculation** student\_cgpa[1]=(((student\_course[1][0]\*1)+(student\_course[1][1]\*1)+(student\_course[1][2]\*3)+(student\_course[1][3]\*3)+(student\_course[1][4]\*3)+(student\_course[1][5]\*3)+(student\_course[1][6]\*3)+(student\_course[1][7]\*3)+(student\_course[1][8]\*3)+(student\_course[1][9]\*3))/(float)(26));

**///3rd student cgpa calculation** student\_cgpa[2]=(((student\_course[2][0]\*1)+(student\_course[2][1]\*1)+(student\_course[2][2]\*3)+(student\_course[2][3]\*3)+(student\_course[2][4]\*3)+(student\_course[2][5]\*3)+(student\_course[2][6]\*3)+(student\_course[2][7]\*3)+(student\_course[2][8]\*3)+(student\_course[2][9]\*3))/(float)(26));

**///4th student cgpa calculation** student\_cgpa[3]=(((student\_course[3][0]\*1)+(student\_course[3][1]\*1)+(student\_course[3][2]\*3)+(student\_course[3][3]\*3)+(student\_course[3][4]\*3)+(student\_course[3][5]\*3)+(student\_course[3][6]\*3)+(student\_course[3][7]\*3)+(student\_course[3][8]\*3)+(student\_course[3][9]\*3))/(float)(26));

**///5th student cgpa calculation** student\_cgpa[4]=(((student\_course[4][0]\*1)+(student\_course[4][1]\*1)+(student\_course[4][2]\*3)+(student\_course[4][3]\*3)+(student\_course[4][4]\*3)+(student\_course[4][5]\*3)+(student\_course[4][6]\*3)+(student\_course[4][7]\*3)+(student\_course[4][8]\*3)+(student\_course[4][9]\*3))/(float)(26));

**///6th student cgpa calculation** student\_cgpa[5]=(((student\_course[5][0]\*1)+(student\_course[5][1]\*1)+(student\_course[5][2]\*3)+(student\_course[5][3]\*3)+(student\_course[5][4]\*3)+(student\_course[5][5]\*3)+(student\_course[5][6]\*3)+(student\_course[5][7]\*3)+(student\_course[5][8]\*3)+(student\_course[5][9]\*3))/(float)(26));

**///7th student cgpa calculation** student\_cgpa[6]=(((student\_course[6][0]\*1)+(student\_course[6][1]\*1)+(student\_course[6][2]\*3)+(student\_course[6][3]\*3)+(student\_course[6][4]\*3)+(student\_course[6][5]\*3)+(student\_course[6][6]\*3)+(student\_course[6][7]\*3)+(student\_course[6][8]\*3)+(student\_course[6][9]\*3))/(float)(26));

**///8th student cgpa calculation** student\_cgpa[7]=(((student\_course[7][0]\*1)+(student\_course[7][1]\*1)+(student\_course[7][2]\*3)+(student\_course[7][3]\*3)+(student\_course[7][4]\*3)+(student\_course[7][5]\*3)+(student\_course[7][6]\*3)+(student\_course[7][7]\*3)+(student\_course[7][8]\*3)+(student\_course[7][9]\*3))/(float)(26));

**///9th student cgpa calculation**

student\_cgpa[8]=(((student\_course[8][0]\*1)+(student\_course[8][1]\*1)+(student\_course[8][2]\*3)+(student\_course[8][3]\*3)+(student\_course[8][4]\*3)+(student\_course[8][5]\*3)+(student\_course[8][6]\*3)+(student\_course[8][7]\*3)+(student\_course[8][8]\*3)+(student\_course[8][9]\*3))/(float)(26));

**///10th student cgpa calculation**

student\_cgpa[9]=(((student\_course[9][0]\*1)+(student\_course[9][1]\*1)+(student\_course[9][2]\*3)+(student\_course[9][3]\*3)+(student\_course[9][4]\*3)+(student\_course[9][5]\*3)+(student\_course[9][6]\*3)+(student\_course[9][7]\*3)+(student\_course[9][8]\*3)+(student\_course[9][9]\*3))/(float)(26));

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

for(result=0;result<10;result++){

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

}

return 0;

}