***VOLOUME 7***

#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;

**///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]=0;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][0]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][1]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][2]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][3]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][4]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][5]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][6]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][7]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][8]\*3;

student\_cgpa[0]=student\_cgpa[0]+student\_course[0][9]\*3;

student\_cgpa[0]=student\_cgpa[0]/30;

**///2nd student cgpa calculation**

student\_cgpa[1]=0;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][0]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][1]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][2]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][3]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][4]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][5]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][6]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][7]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][8]\*3;

student\_cgpa[1]=student\_cgpa[1]+student\_course[1][9]\*3;

student\_cgpa[1]=student\_cgpa[1]/30;

**///3rd student cgpa calculation**

student\_cgpa[2]=0;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][0]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][1]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][2]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][3]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][4]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][5]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][6]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][7]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][8]\*3;

student\_cgpa[2]=student\_cgpa[2]+student\_course[2][9]\*3;

student\_cgpa[2]=student\_cgpa[2]/30;

**///4th student cgpa calculation**

student\_cgpa[3]=0;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][0]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][1]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][2]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][3]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][4]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][5]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][6]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][7]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][8]\*3;

student\_cgpa[3]=student\_cgpa[3]+student\_course[3][9]\*3;

student\_cgpa[3]=student\_cgpa[3]/30;

**///5th student cgpa calculation**

student\_cgpa[4]=0;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][0]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][1]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][2]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][3]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][4]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][5]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][6]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][7]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][8]\*3;

student\_cgpa[4]=student\_cgpa[4]+student\_course[4][9]\*3;

student\_cgpa[4]=student\_cgpa[4]/30;

**///6th student cgpa calculation**

student\_cgpa[5]=0;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][0]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][1]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][2]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][3]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][4]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][5]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][6]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][7]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][8]\*3;

student\_cgpa[5]=student\_cgpa[5]+student\_course[5][9]\*3;

student\_cgpa[5]=student\_cgpa[5]/30;

**///7th student cgpa calculation**

student\_cgpa[6]=0;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][0]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][1]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][2]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][3]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][4]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][5]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][6]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][7]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][8]\*3;

student\_cgpa[6]=student\_cgpa[6]+student\_course[6][9]\*3;

student\_cgpa[6]=student\_cgpa[6]/30;

**///8th student cgpa calculation**

student\_cgpa[7]=0;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][0]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][1]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][2]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][3]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][4]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][5]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][6]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][7]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][8]\*3;

student\_cgpa[7]=student\_cgpa[7]+student\_course[7][9]\*3;

student\_cgpa[7]=student\_cgpa[7]/30;

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

student\_cgpa[8]=0;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][0]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][1]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][2]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][3]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][4]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][5]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][6]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][7]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][8]\*3;

student\_cgpa[8]=student\_cgpa[8]+student\_course[8][9]\*3;

student\_cgpa[8]=student\_cgpa[8]/30;

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

student\_cgpa[9]=0;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][0]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][1]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][2]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][3]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][4]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][5]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][6]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][7]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][8]\*3;

student\_cgpa[9]=student\_cgpa[9]+student\_course[9][9]\*3;

student\_cgpa[9]=student\_cgpa[9]/30;

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

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

{

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

}

return 0;

}