***VOLOUME 4***

#include<stdio.h>

int main()

{

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

float student1\_gradepoint[10];

float student2\_gradepoint[10];

float student3\_gradepoint[10];

float student4\_gradepoint[10];

float student5\_gradepoint[10];

float student6\_gradepoint[10];

float student7\_gradepoint[10];

float student8\_gradepoint[10];

float student9\_gradepoint[10];

float student10\_gradepoint[10];

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

int count,count1,student;

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

float student1\_cgpa,student2\_cgpa;

float student3\_cgpa,student4\_cgpa;

float student5\_cgpa,student6\_cgpa;

float student7\_cgpa,student8\_cgpa;

float student9\_cgpa,student10\_cgpa;

**///1st student grade points input**

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

printf("Maximum 10 student\n");

scanf("%d",&student);

**///this loop for student**

for(count1=0; count1<student; count1++)

{

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

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

{

printf("Enter student 1 grade point %d\n",count);

scanf("%f",&student1\_gradepoint[count]);

}

**///2nd student gradepoints input**

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

{

printf("Enter Student 2 grade point %d\n",count);

scanf("%f",&student2\_gradepoint[count]);

}

**///3rd student grade points input**

for(count=0; count<1; count++)

{

printf("Enter student 3 grade point %d\n",count);

scanf("%f",&student3\_gradepoint[count]);

}

**///4th student grade points input**

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

{

printf("Enter student 4 grade point %d\n",count);

scanf("%f",student4\_gradepoint[count]);

}

**///5th student grade points input**

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

{

printf("Enter student 5 grade point %d\n",count);

scanf("%f",student5\_gradepoint[count]);

}

**///6th student grade points input**

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

{

printf("Enter student 6 grade point %d\n",count);

scanf("%f",&student6\_gradepoint[count]);

}

**///7th student grade points input**

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

{

printf("Enter student 7 grade point %d\n",count);

scanf("%f",&student7\_gradepoint[count]);

}

**///8th student grade points input**

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

{

printf("Enter student 8 grade point %d\n",count);

scanf("%f",&student8\_gradepoint[count]);

}

**///9th student grade points input**

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

{

printf("Enter student 9 grade point %d",count);

scanf("%f",&student9\_gradepoint[count]);

}

**///10th student grade points input**

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

{

printf("Enter student 10 grade point %d",count);

scanf("%f",&student10\_gradepoint[count]);

}

}

**///1st student cgpa calculation**

student1\_cgpa=(((student1\_gradepoint[0]\*1)+(student1\_gradepoint[1]\*1)+(student1\_gradepoint[2]\*3)+(student1\_gradepoint[3]\*3)+(student1\_gradepoint[4]\*3)+(student1\_gradepoint[5]\*3)+(student1\_gradepoint[6]\*3)+(student1\_gradepoint[7]\*3)+(student1\_gradepoint[8]\*3)+(student1\_gradepoint[9]\*3))/(float)(26));

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

student2\_cgpa=(((student2\_gradepoint[0]\*1)+(student2\_gradepoint[1]\*1)+(student2\_gradepoint[2]\*3)+(student2\_gradepoint[3]\*3)+(student2\_gradepoint[4]\*3)+(student2\_gradepoint[5]\*3)+(student2\_gradepoint[6]\*3)+(student2\_gradepoint[7]\*3)+(student2\_gradepoint[8]\*3)+(student2\_gradepoint[9]\*3))/(float)(26));

**///3rd student cgpa calculation** student3\_cgpa=(((student3\_gradepoint[0]\*1)+(student3\_gradepoint[1]\*1)+(student3\_gradepoint[2]\*3)+(student3\_gradepoint[3]\*3)+(student3\_gradepoint[4]\*3)+(student3\_gradepoint[5]\*3)+(student3\_gradepoint[6]\*3)+(student3\_gradepoint[7]\*3)+(student3\_gradepoint[8]\*3)+(student3\_gradepoint[9]\*3))/(float)(26));

**///4th student cgpa calculation** student4\_cgpa=(((student4\_gradepoint[0]\*1)+(student4\_gradepoint[1]\*1)+(student4\_gradepoint[2]\*3)+(student4\_gradepoint[3]\*3)+(student4\_gradepoint[4]\*3)+(student4\_gradepoint[5]\*3)+(student4\_gradepoint[6]\*3)+(student4\_gradepoint[7]\*3)+(student4\_gradepoint[8]\*3)+(student4\_gradepoint[9]\*3))/(float)(26));

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

student5\_cgpa=(((student5\_gradepoint[0]\*1)+(student5\_gradepoint[1]\*1)+(student5\_gradepoint[2]\*3)+(student5\_gradepoint[3]\*3)+(student5\_gradepoint[4]\*3)+(student5\_gradepoint[5]\*3)+(student5\_gradepoint[6]\*3)+(student5\_gradepoint[7]\*3)+(student5\_gradepoint[8]\*3)+(student5\_gradepoint[9]\*3))/(float)(26));

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

student6\_cgpa=(((student6\_gradepoint[0]\*1)+(student6\_gradepoint[1]\*1)+(student6\_gradepoint[2]\*3)+(student6\_gradepoint[3]\*3)+(student6\_gradepoint[4]\*3)+(student6\_gradepoint[5]\*3)+(student6\_gradepoint[6]\*3)+(student6\_gradepoint[7]\*3)+(student6\_gradepoint[8]\*3)+(student6\_gradepoint[9]\*3))/(float)(26));

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

student7\_cgpa=(((student7\_gradepoint[0]\*1)+(student7\_gradepoint[1]\*1)+(student7\_gradepoint[2]\*3)+(student7\_gradepoint[3]\*3)+(student7\_gradepoint[4]\*3)+(student7\_gradepoint[5]\*3)+(student7\_gradepoint[6]\*3)+(student7\_gradepoint[7]\*3)+(student7\_gradepoint[8]\*3)+(student7\_gradepoint[9]\*3))/(float)(26));

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

student8\_cgpa=(((student8\_gradepoint[0]\*1)+(student8\_gradepoint[1]\*1)+(student8\_gradepoint[2]\*3)+(student8\_gradepoint[3]\*3)+(student8\_gradepoint[4]\*3)+(student8\_gradepoint[5]\*3)+(student8\_gradepoint[6]\*3)+(student8\_gradepoint[7]\*3)+(student8\_gradepoint[8]\*3)+(student8\_gradepoint[9]\*3))/(float)(26));

**///9th student cgpa calculation** student9\_cgpa=(((student9\_gradepoint[0]\*1)+(student9\_gradepoint[1]\*1)+(student9\_gradepoint[2]\*3)+(student9\_gradepoint[3]\*3)+(student9\_gradepoint[4]\*3)+(student9\_gradepoint[5]\*3)+(student9\_gradepoint[6]\*3)+(student9\_gradepoint[7]\*3)+(student9\_gradepoint[8]\*3)+(student9\_gradepoint[9]\*3))/(float)(26));

/**//10th student cgpa calculation** student10\_cgpa=(((student10\_gradepoint[0]\*1)+(student10\_gradepoint[1]\*1)+(student10\_gradepoint[2]\*3)+(student10\_gradepoint[3]\*3)+(student10\_gradepoint[4]\*3)+(student10\_gradepoint[5]\*3)+(student10\_gradepoint[6]\*3)+(student10\_gradepoint[7]\*3)+(student10\_gradepoint[8]\*3)+(student10\_gradepoint[9]\*3))/(float)(26));

**///printout 10 student cgpa**

printf("1st student cgpa is %.2f\n",student1\_cgpa);

printf("2nd student cgpa is %.2f\n",student2\_cgpa);

printf("3rd student cgpa is %.2f\n",student3\_cgpa);

printf("4th student cgpa is %.2f\n",student4\_cgpa);

printf("5th student cgpa is %.2f\n",student5\_cgpa);

printf("6th student cgpa is %.2f\n",student6\_cgpa);

printf("7th student cgpa is %.2f\n",student7\_cgpa);

printf("8th student cgpa is %.2f\n",student8\_cgpa);

printf("9th student cgpa is %.2f\n",student9\_cgpa);

printf("10th student cgpa is %.2f\n",student10\_cgpa);

return 0;

}