#include<stdio.h>

int main()

{

struct student

{

int stu\_id;

char name[20]; float lang1\_marks; float lang2\_marks; float sc\_marks; float mat\_marks; float sst\_marks; float comp\_marks;

float avg;

};

struct student s[20]; int i,n;

printf("Enter the number of records :");

scanf("%d",&n); printf("Enter %d student details...\n",n);

for(i=0;i<n;i++)

{

printf("\n\nEnter student ID :"); scanf("%d",&s[i].stu\_id);

printf("Enter student name :");

scanf(" %s",s[i].name);

printf("Enter lang1 Marks:"); scanf("%f",&s[i].lang1\_marks);

printf("Enter lang2 Marks :"); scanf("%f",&s[i].lang2\_marks);

printf("Enter science Marks :");

scanf("%f",&s[i].sc\_marks);

printf("Enter Maths Marks :");

scanf("%f",&s[i].mat\_marks); printf("Enter SST Marks :");

scanf("%f",&s[i].sst\_marks);

printf("Enter Computer Marks :"); scanf("%f",&s[i].comp\_marks);

}

for(i=0;i<n;i++)

{

s[i].avg=(s[i].lang1\_marks + s[i].lang2\_marks + s[i].sc\_marks + s[i].mat\_marks + s[i].sst\_marks + s[i].comp\_marks)/6.0;

}

printf("Students scoring above the average marks....\n");

printf("\n\nID\tName\tAverage\n\n");

for(i=0;i<n;i++)

{

if(s[i].avg>=35.0)

printf("%d\t%s\t%f\n",s[i].stu\_id,s[i].name,s[i].avg);

}

printf("\n\nStudents scoring below the average marks....\n"); printf("\n\nID\tName\tAverage\n\n");

for(i=0;i<n;i++)

{

if(s[i].avg<35.0)

printf("%d\t%s\t%f\n",s[i].stu\_id,s[i].name,s[i].avg);

}

return 0;

}

Out put:

$ cc marks.c

./a.out

Enter the number of records :2

Enter 2 student details…

Enter student ID :1

Enter student name :a

Enter lang1 Marks :25

Enter lang2 Marks :25

Enter science Marks:25

Enter Maths Marks: 25

Enter SST Marks:25

Enter Computer marks:25

Enter student ID: 2

Enter student name :a

Enter lang1 Marks :40

Enter lang2 Marks:40

Enter science Marks:40

Enter Maths Marks:40

Enter SST Marks:40

Enter Computer Marks:40

Students scoring above the average marks…

ID Name Average

2 b 40.000000

Students scoring below the average marks…

ID Name Average

1 a 25.000000