

ds1.c - C:\Users\praji\Desktop - Geany

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Symbols Documents ds1.c

```
1 #include<stdio.h>
2 #include<conio.h>
3 struct student{
4     int id;
5     int age;
6     float marks;
7 };
8 int main(){
9     int i,n;
10    printf("enter the number of students to be stored:\n");
11    scanf("%d",&n);
12    struct student std[n];
13
14    printf("please enter the student details : \n");
15    for(i=0;i<n;i++){
16        printf("Student %d :\n",i+1);
17        printf("enter student id:\n");
18        scanf("%d",&std[i].id);
19
20        printf("enter student age:\n");
21        scanf("%d",&std[i].age);
22        if (std[i].age<20){
23            printf("pls enter a valid age(>20),else the student is not eligible : \n");
24            scanf("%d",&std[i].age);
25        }
26
27        printf("enter student marks:\n");
28        scanf("%f",&std[i].marks);
29        if(std[i].marks <0 || std[i].marks>100){
30            printf("pls enter valid marks between 0 to 100 (inclusive),else the student is not eligible : \n");
31            scanf("%f",&std[i].marks);
32        }
33    }
34    printf("\n");
35    printf("the students qualified for admissions are : \n");
36    for(i=0;i<n;i++){
37        if (std[i].marks>=65 &&std[i].age>20){
38            printf("student id : %d\n",std[i].id);
39            printf("student age : %d\n",std[i].age);
40            printf("student marks : %f\n",std[i].marks);
41            printf("*****\n");
42        }
43    }
```

Status gcc -Wall -o "ds1" "ds1.c" (in directory: C:\Users\praji\Desktop)

Compiler Compilation finished successfully.

Messages

Scribble

C:\WINDOWS\SYSTEM32\cmd.exe

```
enter the number of students to be stored:
3
please enter the student details :
Student 1 :
enter student id:
1
enter student age:
18
pls enter a valid age(>20),else the student is not eligible :
22
enter student marks:
101
pls enter valid marks between 0 to 100 (inclusive),else the student is not eligible:
89
Student 2 :
enter student id:
2
enter student age:
34
enter student marks:
65
Student 3 :
enter student id:
3
enter student age:
22
enter student marks:
78

the students qualified for admissions are :
student id : 1
student age : 22
student marks : 89.000000
*****
student id : 2
student age : 34
student marks : 65.000000
*****
student id : 3
student age : 22
student marks : 78.000000
*****

(program exited with code: 0)
Press any key to continue . . .
```

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