



```
#include <stdio.h>
#include <math.h>
#include <stdlib.h>
```

```
struct student
```

```
{
```

```
    int age;
```

```
    int sid;
```

```
    double marks;
```

```
};
```

```
typedef struct student student;
```

```
int main()
```

```
{
```

```
    student s1;
```

```
    printf("enter student id:");
```

```
    scanf("%d", &s1.sid);
```

```
    printf("enter student age:");
```

```
    scanf("%d", &s1.age);
```

```
    printf("enter student marks:");
```

```
    scanf("%d", &s1.marks);
```

```
    *
```

```
    if (s1.age <= 20)
```

```
    {
```

```
        printf("enter valid age\n");
```

```
        exit(0);
```

```
    }
```

```
    if (s1.marks < 0 || > 100)
```

```
    {
```

```
        printf("Enter valid marks\n");
```

```
        exit(0);
```

```
    }
```





DATE ~

DATE ~



if (CS1. marks > 65)

{

printf ("this student is eligible");

}

else

{

printf ("this student is not eligible");

}

printf ("this student is not eligible");

printf ("this student is not eligible");

}

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

printf ("this student is not eligible");

}

printf ("this student is not eligible");


```

3
4 #include<stdio.h>
5 #include<math.h>
6 #include<stdlib.h>
7
8 struct student
9 {
10     int age;
11     int stid;
12     double marks;
13 };
14
15 typedef struct student student;
16
17 int main()
18 {
19     student s1;
20     printf("enter student id:");
21     scanf("%d",&s1.stid);
22     printf("enter student age:");
23     scanf("%d",&s1.age);
24     printf("enter student marks:");
25     scanf("%lf",&s1.marks);
26
27     if (s1.age<=20)
28     {
29         printf("enter valid age\n");
30         exit(0);
31     }
32
33     if (s1.marks<0 || s1.marks>100)
34     {
35         printf("enter valid marks\n");
36         exit(0);
37     }
38
39     if (s1.marks>65)
40     {
41         printf(" this student is eligible");
42     }
43     else
44     {
45         printf("this student is not eligible");
46     }
47
48 }
49
50

```

o "program1" "program1.c" (in directory: /Users/nishchal/Desktop/data structures)
finished successfully.

```
Last login: Wed Sep 16 13:10:41 on ttys000
Nishchals-MacBook-Pro:~ nishchal$ /var/folders/qg/drk36cks2vb268ql341g9dtr8000gn/T/geany_run_script_JPS3Q8.sh ; exit;
enter student id:234
enter student age:25
enter student marks:34
this student is not eligible

-----
(program exited with code: 0)
Press return to continue
█
```

```
Last login: Wed Sep 16 13:08:38 on ttys002
Nishchals-MacBook-Pro:~ nishchal$ /var/folders/qg/drk36cks2vb268ql341g9dtr0000gn/T/geany_run_script_C95DR0.sh ; exit;
enter student id:234
enter student age:24
enter student marks:75
this student is eligible

-----
(program exited with code: 0)
Press return to continue
█
```

```
Last login: Wed Sep 16 13:09:22 on ttys002
Nishchals-MacBook-Pro:~ nishchal$ /var/folders/qg/drk36cks2vb268ql341g9dtr8000gn/T/geany_run_script_V8TCR8.sh ; exit;
enter student id:234
enter student age:17
enter student marks:75
enter valid age
```

```
_____
(program exited with code: 0)
Press return to continue
█
```