

```
#include <stdio.h>

int n;

typedef struct student
{
    char name[50];
    char id[50];
    int age;
    int marks;
}std;

void read(std s[n])
{

    printf("Enter the details of the student\n");
    for(int i=0;i<n;i++)
    {
        printf("Enter the details of %d\n", (i+1));
        printf("Enter the name of the student\n");
        scanf("%s", s[i].name);
        printf("Enter the id of the student\n");
        scanf("%s", s[i].id);
        printf("Enter the age of the employee\n");
        scanf("%d", &s[i].age);
        printf("Enter the marks of student between 0 and 100 inclusive\n");
        scanf("%d", &s[i].marks);
    }
}

void check_eligibility(std s[n])
```

```

{
    int count =0;

    printf("*****\n");

    printf("\n");

    printf("For eligibility student's age must be greater than 20 and his minimum marks must be
65\n");

    for(int i=0;i<n;i++)
    {
        if(s[i].age>20&& s[i].marks>=65&&!(s[i].marks<0))&&!(s[i].marks>100))
        {
            printf("Student %d is eligible: His Details are \n",(i+1));

            printf("\n");

            printf("Name of the student is %s \n",s[i].name);

            printf("Id of the student is %s \n",s[i].id);

            printf("Age of the student is %d \n",s[i].age);

            printf("Marks of the student is %d\n",s[i].marks);


            printf("*****\n");

            printf("\n");

            count++;
        }

        else
        {
            if(s[i].age<20)
            {
                printf("Student %d is not eligible because his age is %d\n",(i+1),s[i].age);
            }

            if(s[i].marks<65)
            {
                printf("Student %d is not eligible because his marks are %d\n",(i+1),s[i].marks);
            }
        }
    }
}

```

```
        }  
    }  
}  
printf("Number of students eligible are %d\n",count);  
}
```

```
int main()  
{  
    printf("Enter the number of students\n");  
    scanf("%d",&n);  
    std s[n];  
    read(s);  
    check_eligibility(s);  
  
    return 0;  
}
```

Output is shared in the next screen....

```
Enter the number of students
2
Enter the details of the student
Enter the details of 1
Enter the name of the student
Shreehari
Enter the id of the student
IBM19CS153
Enter the age of the employee
25
Enter the marks of student between 0 and 100 inclusive
97
Enter the details of 2
Enter the name of the student
Ramar
Enter the id of the student
IBM19CS154
Enter the age of the employee
14
Enter the marks of student between 0 and 100 inclusive
25
*****

For eligibility student's age must be greater than 20 and his minimum marks must be 65
Student 1 is eligible: His Details are

Name of the student is Shreehari
Id of the student is IBM19CS153
Age of the student is 25
Marks of the student is 97
*****

Student 2 is not eligible because his age is 14
Student 2 is not eligible because his marks are 25
Number of students eligible are 1

...Program finished with exit code 0
Press ENTER to exit console.
```