

OnlineGDB beta
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main.cpp

```
1 #include<bits/stdc++.h>
2 using namespace std;
3 struct student
4 {
5     int age;
6     int marks;
7 };
8 int main()
9 {
10     student *s;
11     int n;
12     cout<<"Enter the no. of students : \n";
13     cin>>n;
14     int i;
15     s=new student[n];
16     cout<<"enter the details of the student : "<<endl;
17     for(i=0;i<n;i++)
18     {
19         cout<<"Enter the details of "<<i+1<<" student : "<<endl;
20         cout<<"Enter age : ";
21         cin>>s[i].age;
22         cout<<"Enter marks : ";
23         cin>>s[i].marks;
24         if(s[i].age<20||s[i].marks<0||s[i].marks>100)
25         {
26             cout<<"The details are invalid "<<endl;
27             cout<<"Enter the details again : "<<endl;
28             i--;
29         }
30     }
31     int d=0;
32     for(i=0;i<n;i++)
33     {
```

inputstderr

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10     student *s;
11     int n;
12     cout<<"Enter the no. of students : \n";
13     cin>>n;
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15     s=new student[n];
16     cout<<"enter the details of the student : "<<endl;
17     for(i=0;i<n;i++)
18     {
19         cout<<"Enter the details of "<<i+1<<" student : "<<endl;
20         cout<<"Enter age : ";
21         cin>>s[i].age;
22         cout<<"Enter marks : ";
23         cin>>s[i].marks;
24         if(s[i].age<20||s[i].marks<0||s[i].marks>100)
25         {
26             cout<<"The details are invalid "<<endl;
27             cout<<"Enter the details again : "<<endl;
28             i--;
29         }
30     }
31     int d=0;
32     for(i=0;i<n;i++)
33     {
34         if(s[i].marks>=65)
35         {
36             d++;
37         }
38     }
39     cout<<"The number of students valid for admission are : "<<d;
40     return 0;
41 }
```

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main.cpp

9- {
10 student *s;
11 int n;
12 cout<<"Enter the no. of students : \n";
13 cin>>n;

input

Enter the no. of students :
5
enter the details of the student :
Enter the details of 1 student :
Enter age : 23
Enter marks :67
Enter the details of 2 student :
Enter age : 14
Enter marks :69
The details are invalid
Enter the details again :
Enter the details of 2 student :
Enter age : 25
Enter marks :75
Enter the details of 3 student :
Enter age : 27
Enter marks :73
Enter the details of 4 student :
Enter age : 24
Enter marks :120
The details are invalid
Enter the details again :
Enter the details of 4 student :
Enter age : 24
Enter marks :38
Enter the details of 5 student :
Enter age :

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main.cpp

9- {
10 student *s;
11 int n;
12 cout<<"Enter the no. of students : \n";
13 cin>>n;

input

Enter marks :67
Enter the details of 2 student :
Enter age : 14
Enter marks :69
The details are invalid
Enter the details again :
Enter the details of 2 student :
Enter age : 25
Enter marks :75
Enter the details of 3 student :
Enter age : 27
Enter marks :73
Enter the details of 4 student :
Enter age : 24
Enter marks :120
The details are invalid
Enter the details again :
Enter the details of 4 student :
Enter age : 24
Enter marks :38
Enter the details of 5 student :
Enter age : 28
Enter marks :56
The number of students valid for admission are : 3
...Program finished with exit code 0
Press ENTER to exit console.

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