main.c

```c
1    #include<stdio.h>
2
3    int main()
4    {
5        typedef struct{
6            int studentId;
7            int age;
8            int marks;
9        }Student;
10
11       int num;
12       scanf("%d",&num);
13       Student s[num];
14       int i;
15       for(i=0;i<num;i++){
16           printf("Enter the Student Id\n");
17           scanf("%d",&s[i].studentId);
18           printf("Enter the age\n");
19           scanf("%d",&s[i].age);
20           printf("Enter the marks\n");
21           scanf("%d",&s[i].marks);
22       }
23       for(i=0;i<num;i++){
24           if(s[i].age>20 && s[i].marks>=0 && s[i]
             .marks<=100){
25               if(s[i].marks>=65){
26                   printf("Student Id: %d\tAdmission Allowed
                     and data is valid\n",s[i].studentId);
27               }else{
28                   printf("Student Id: %d\tAdmission not
                     Allowed and data is valid\n",s[i].studentId);
29               }
30           }else{
31               printf("Student Id: %d\tData Invalid\n",s[i]
                 .studentId);
32       }
33   }
```
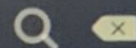
```
                    .studentId);
32              }
33          }
34      return 0;
35  }
36
```

```
> clang-7 -pthread -lm -o main main.c
> ./main
5
Enter the Student Id
4
Enter the age
21
Enter the marks
76
Enter the Student Id
6
Enter the age
21
Enter the marks
78
Enter the Student Id
7
Enter the age
21
Enter the marks
89
Enter the Student Id
21
Enter the age
21
Enter the marks
67
Enter the Student Id
5
Enter the age
67
Enter the marks
76
Student Id: 4    Admission Allowed and data is valid
Student Id: 6    Admission Allowed and data is valid
Student Id: 7    Admission Allowed and data is valid
Student Id: 21   Admission Allowed and data is valid
Student Id: 5    Admission Allowed and data is valid
>
```

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```c
#include<stdio.h>
int main()
{

typedef struct {
int studentId;
int age;
int marks;
} Student;
int num;
scanf("%d", &num);
Student s[num];
int i;
for(i=0; i<num; i++) {
printf("Enter the Student Id\n");
scanf("%d", &s[i].studentId);
printf("Enter the age\n");
scanf("%d", &s[i].age);
printf("Enter the marks\n");
scanf("%d", &s[i].marks); }
for(i=0; i<num; i++)
{

if(s[i].age >20 && s[i].marks >=0 && s[i].marks <=100) {
if(s[i].marks >= 65){
printf("Student Id: %d\t Admission Allowed and data is
Valid\n", s[i].studentId); }
else {
printf("Student Id: %d\t Admission not Allowed and data
is valid\n", s[i].studentId);
}
}
else {
printf("Student Id: %d\t Data Invalid\n", s[i].studentId);
}
}
return 0;
}
```