

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

```
int main() {
```

```
    typedef struct {
```

```
        int student ID;
```

```
        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].student ID);
```

```
        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].student ID);
```

```
            } else {
```

```
                printf("Student ID: %d\t Admission not allowed and data is  
                        valid\n", s[i].student ID);
```

```
            }
```

```
        } else {
```

```
            printf("Student ID: %d\t Data invalid\n", s[i].student ID);
```

```
        }
```

```
    } return 0; }
```



```
* clang-7 -pthread -lm -o main main.c
```

```
* ./main
```

```
4
```

```
Enter the Student Id
```

```
1
```

```
Enter the age
```

```
12
```

```
Enter the marks
```

```
74
```

```
Enter the Student Id
```

```
2
```

```
Enter the age
```

```
16
```

```
Enter the marks
```

```
68
```

```
Enter the Student Id
```

```
3
```

```
Enter the age
```

```
23
```

```
Enter the marks
```

```
67
```

```
Enter the Student Id
```

```
4
```

```
Enter the age
```

```
24
```

```
Enter the marks
```

```
102
```

```
Student Id: 1      Data Invalid
```

```
Student Id: 2      Data Invalid
```

```
Student Id: 3      Admission Allowed and data is valid
```

```
Student Id: 4      Data Invalid
```

```
* []
```



```

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
27                 is valid\n",s[i].studentId);
28             }else{
29                 printf("Student Id: %d\tAdmission not Allowed and
30                 data is valid\n",s[i].studentId);

```



```
}else{  
    printf("Student Id: %d\tAdmission not Allowed and  
    data is valid\n",s[i].studentId);  
}  
else{  
    printf("Student Id: %d\tData Invalid\n",s[i]  
    .studentId);  
}  
}  
return 0;  
}
```