

```
#include <Stdio.h>
```

```
int main() {
```

```
    typedef struct {
```

```
        int Student Id; int age;
```

```
        int marks;
```

```
    } Student;
```

```
    int num;
```

```
    printf("Enter the Number of Students\n");
```

```
    scanf("%d", &num);
```

```
    int i;
```

```
    Student s[num];
```

```
    for (i=0; i < num; i++) {
```

```
        printf("Enter Student Id\n");
```

```
        scanf("%d", &s[i].Student Id);
```

```
        printf("Enter Student 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("%d | Admission Allowed
```

```
                and Data Valid\n",
```

```
                s[i].Student Id);
```

```
            } else {
```

```
                printf("%d | Admission not allowed
```

```
                but data Valid\n", s[i].Student Id);
```

```
            }
```

Date \_\_\_/\_\_\_/\_\_\_

Page \_\_\_\_\_

SPLASH

```
} return 0;
```



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



```
22     for(i=0;i<num;i++){
23         if(s[i].age>20 && s[i].marks>=0 && s[i].marks<=100){
24             if(s[i].marks>=65){
25                 printf("Student Id: %d\tAdmission Allowed and data
26                     is valid\n",s[i].studentId);
27             }else{
28                 printf("Student Id: %d\tAdmission not Allowed and
29                     data is valid\n",s[i].studentId);
30             }
31         }else{
32             printf("Student Id: %d\tData Invalid\n",s[i]
33                 .studentId);
34         }
35     }
36     return 0;
37 }
```



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

```
❏ ./main
```

```
2
```

```
Enter the Student Id
```

```
1
```

```
Enter the age
```

```
22
```

```
Enter the marks
```

```
66
```

```
Enter the Student Id
```

```
2
```

```
Enter the age
```

```
12
```

```
Enter the marks
```

```
45
```

```
Student Id: 1   Admission Allowed and data is valid
```

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

```
❏ █
```