

Data Structures Lab

Student-validity.c

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

```
struct Student  
{  
    int std_id;  
    int age;  
    float marks;  
};
```

```
int main()  
{
```

```
    struct Student user;
```

```
    printf("Enter the Student ID: ");
```

```
    scanf("%d", &user.std_id);
```

```
    printf("Enter the age: ");
```

```
    scanf("%d", &user.age);
```

```
    printf("Enter the marks: ");
```

```
    scanf("%f", &user.marks);
```

```
    int m = (user.marks < 0 || user.marks > 100) ? 1 : 0;
```

```
    int a = (user.age > 20) ? 0 : 1;
```

```
    if (a == 1 && m == 1)
```

```
        printf("Age and Marks are INVALID!!");
```

```
    else if (a == 1)
```

```
        printf("Age is INVALID!!");
```

```
    else if (m == 1)
```

```
        printf("Marks are INVALID!!");
```

```
if (a || m || user.marks <= 65)
    printf("\n Not Eligible for admission: \n");
else
    printf("\n Eligible for admission: \n");
```

f