

DS

Lab-1

Observation:

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

```
struct student
```

```
{
```

```
    char id[20];
```

```
    int age;
```

```
    int marks;
```

```
};
```

```
int main()
```

```
{
```

```
    struct student s;
```

```
    int isValid = 0;
```

```
    printf("Enter student ID: \n");
```

```
    scanf("%s", s.id);
```

```
    printf("Enter student age: \n");
```

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

```
    printf("Enter student marks: \n");
```

```
    scanf("%d", &s.marks);
```

```
    if (s.age > 20 && s.marks >= 0 && s.marks <= 100)
```

```
    {
```

```
        isValid = 1;
```

```
    }
```

```
    if (isValid)
```

```
    {
```

```
        printf("Invalid data \n");
```

```
    }
```

```
    if (isValid)
```

```
    {
```

```
        if (s.marks >= 65)
```

```
        {
```

```
            printf("Qualified for admission \n");
```

```
        }
```

```
    } else
```

```
    {
```

```
        printf("Not qualified for admission \n");
```

```
    }
```

```
    return 0;
```

```
}
```