

Program DS : 01

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

```
struct student
```

```
{
```

```
    int id;
```

```
    int age;
```

```
    int marks;
```

```
};
```

```
int main()
```

```
{
```

```
    struct student students s[100];
```

```
    int n, i=0;
```

```
    printf("Enter the no. of students : ");
```

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

```
    printf("Hello welcome to admission  
process ! \n");
```

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

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

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

```
        printf("Enter the Age");
```

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

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

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

```
        if (s[i].age > 20) {
```

```
            if (s[i].marks >= 0 && s[i].marks  
                <= 100) {
```

```
                printf("data is valid");
```

```

if ( S[i].marks >= 65)
    printf (" \n And You are eligible");
else
    printf (" \n But You are not eligible");
}
else
    printf (" \n Invalid marks");

else
    printf (" \n NOT Eligible due to age
            limits mismatch");
}

```

```

printf (" Display of the students who
        seeks admission : \n");

```

```

for (i=0; i<n; i++)
{
    if (S[i].age > 20 && S[i].marks <= 100)
        printf (" Student id: %d
                Age: %d Marks: %d",
                S[i].id, S[i].age,
                S[i].marks);
}
return 0;
}

```