* **Flow chart :**

Read the NUM

Enter the NUMBER

Case of

NUM

if if if if if if if if

If num 75<=num 70<=num 65<=num 60<=num 55<=num 50<=num 45<=num 40<=num

>=80 <80 <75 <70 <65 <60 <55 <50 <45 other

Print Grad

Grad = F

Grad = C

Grad = B-

Grad = B+

Grad = A

Grad = A-

Grad = B+

Grad = C+

Grad = D

Grad = A+