* **Algorithm :**

**Step 1:** Input the NUMBERBER.

**Step 2:** if (NUMBERBER >= 80) then Grad A+

else if (75<=NUMBER<80) then Grad A

else if (70<=NUMBER<75) then Grad A-

else if (65<=NUMBER<70) then Grad B+

else if (60<=NUMBER<65) then Grad B

else if (55<=NUMBER<60) then Grad B-

else if (50<=NUMBER<55) then Grad C+

else if (45<=NUMBER<50) then Grad C

else if (40<=NUMBER<45) then Grad D

else Grad F(Fail)

endif

**Step 3:** Print Grad.