1. Program for finding the given number is even Or odd

1.start

2.read the given number n

3. Check if (n%2==0) then print the given number is even else go to step 4

4. Print the given number is odd

5. Stop

2. Write an algorithm to return a grade based on student's total score

Input Range    Output Grade

91 to 100            S

81 to 90              A

66 to 80              B

56 to 65              C

46 to 55              D

40 to 45              E

0 to 39                F

1. Start

2. Read the total score tot

3. Check if 100<= tot <= 91 then print the student grade is S

Else go to step 4

4. Check if 90<= tot <= 81 then print the student grade is A

Else go to step 5

5. Check if 80<= tot <= 66 then print the student grade is B

Else go to step 6

6. Check if 65<= tot <= 56 then print the student grade is C

Else go to the step 7

7. Check if 55<= tot <=46 then print the student grade is D

Else go to the step 8

8. Check if 45<= tot <= 40 then print the student grade is E

Else go to step 9

9. Check if 39 <= tot <= 0 then print the student grade is F

Else go to step 10

10. Stop