ALGORITHM TO FIND LEAP YEAR

Step 1 - Start
Step 2 - Read YEAR
Step 3 - If YEAR % 400 = 0 print leap year
Step 4 - Else If YEAR % 100 =0 print not a leap year
Step 5 - Else if YEAR % 4 = 0 print leap year
Step 6 - Else print not a leap year
Step - stop

ALGORITHM TO PRINT EVEN OR ODD

Step 1 - Start
Step 2 - Read Num
Step 3 - If Num % 2 = 0 print EVEN number
Step 4 - Else print ODD number
step 6 - stop

ALGORITHM TO PRINT ODD SERIES

Step 1 - Start
Step 2 - Read c , r, initialize c = 1 , r = 1
Step 3 - While r > 0 then go for step 4
Step 4 - print c
Step 5 - Increase the value c by 2 and go for step 3
step 6 - stop

ALGORITHM TO CHECK IF NUMBER IS PALINDROME

Step 1 - Start
Step 2 - Read temp ,rev , num
Step 3 - While num !=0 if yes then go to step 4 otherwise step 5
Step 4 - Process tem = num % 10, rev = rev*i + temp , num = num / 10 go to step 4
Step 5 - If rev = num , print PALINDROME
Step 6 - Else print not a PALINDROME
Step 7 - Stop