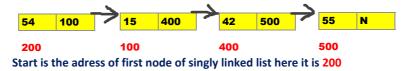
An Algorithm that will count number of even nodes and odd nodes of singly linked list.

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```
Count node (start)
  If start = null
  Print "error"
  Exit
End if
  Ptr<- start
  Even count <- 0
  Odd count < -0
Repeat
 If data -> ptr%2=0
     Even count <- even count+1
Else
     Odd count<- odd count+1
End if
   Ptr <- link->ptr
   If ptr=null
   Exit
   End if
   End repeat
Print even count, odd count
End
```



Two Conditions must be applied one at the beginning and one at the end.

- 1. If start = null then print "error"
- 2. If ptr = null then exit.

Table below represents the dry run of the given algorthm.

EVEN COUNT = 2	ODD COUNT =2		
Even count <-2	Odd count <-2		
Even count <-1+1	Odd count <-1+1		
=true	=false		
Condition-42%2==0	Condition-55%2==0		
Data=42	Data=55		
Even count <-1	oddcount <-1		
Condition-54%2==0 =true Even count <-0+1	Condition-15%2==0 =false oddcount <-0+1		
		Data=54	Data=15