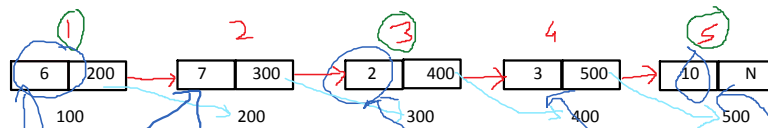


Algorithm for printing the node numbers having data part contains even value

Start- 1st address  
N=NULL

```

Printevendatanode(start)
If start=null
  print "error"
  exit
End if
Ptr <- start
C <- 1
Repeat
  if data->ptr %2==0
    print c
  end if
  c <- c+1
  ptr <- link->ptr
  if ptr = NULL
    exit
  end if
end repeat
end
  
```



ptr <- start  
ptr = 100 / 200 / 300 / 400 / 500 / N

c = 1 / 2 / 3 / 4 / 5

data → ptr % 2

data → 100 / 200 / 300 / 400 / 500

6 % 2 == 0 ✓

7 % 2 ≠ 0 ✗

2 % 2 == 0 ✓

10 / 2 == 0 ✓

3 % 2 ≠ 0 ✗

print c = 1 = 3 = 5

ptr <- link + ptr

ptr = NULL

exit

OUTPUT  
1,3,5