```
int m0(Node hd) {
    int n = 0;
    for ( Node tmp=hd ; tmp!=null ; tmp=tmp.next )
        if ( tmp.data%2==1 )
            n++;
    return n;
}
```

```
class Node {
    int data;
    Node next;
}
```

```
int m1(Node hd) {
    if ( hd==null )
        return 0;
    if ( hd.data%2==0 )
        return 1 + m1(hd.next);
    return m1(hd.next);
}
```

```
class Node {
    int data;
    Node next;
}
```

```
int m2(String[] r) {
    int n = r.length;
    if (r[0]\%2==0)
         for (int p=0; p<n*n; p++)
             S.O.P(p + "");
    else
         for (int t=n-1; t>=0; t/=2)
             S.O.P(arr[t] + " ");
```

```
void m3(Cat[] c) {
    int t=0;
    while ( t<60 ) {
        S.O.P("fish");
        t++;
    }
}</pre>
```

What is the complexity of the following function?

$$T(n) = T(n/6) + c$$

Trace the execution call. What is the final output?

```
LL 3 3 3 5 5 5 S.O.P(m1(LL));

class Node {
   int data;
   Node next;
}
```

```
int m1(Node hd) {
    if ( hd==null )
        return 0;
    if ( hd.data%2==0 )
        return 1 + m1(hd.next);
    return m1(hd.next);
}
```

Trace the execution call. What is the final output?

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