

number of nodes in SSL

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Algorithm to count number of nodes in singly linked list

CountSSL(start)

If start=NULL

Print List is empty

Exit

End if

count <- 0

ptr <- start

Repeat

count <- count + 1

ptr <- link -> ptr

If ptr = NULL

exit

End if

print count

End

SSL

| | |
|----|-----|
| 15 | 400 |
|----|-----|

200

start

| | |
|----|-----|
| 45 | 480 |
|----|-----|

400

| | |
|----|------|
| 13 | NULL |
|----|------|

480

| count | ptr |
|-------|------|
| 0 | 200 |
| 1 | 400 |
| 2 | 480 |
| 3 | NULL |