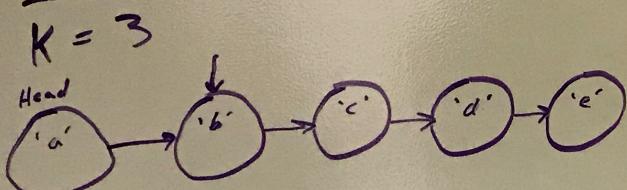


Problem Domain

Given integer K, find
the value that is K nodes
from the end of a linked list

input: integer
output: String

Visual



Big O

time: $O(N)$

space: $O(N)$

Algorithm

Given a linked list, int K

Traverse linked list, adding
all values to new list variable

Return value that is K from
end of list

Code

```
def find_from_end(K)
    Vals = []
    Current = self.head
    while current:
        Vals.append(current.value)
        current = current.next
    return Vals[len(Vals) - k]
```

Verification

+ test for empty list,
 $K <$ length of linked list