Revisiting More Commonly Missed Quiz Concepts

Announcements

Assignments:

- RD assignment due Friday at 11:59pm

Warmup: diagram this!

```python
from __future__ import annotations

class Node:
    """Node in a singly-linked list recursive structure."""
    value: int
    next: Node | None

    def __init__(self, value: int, next: Node | None):
        self.value = value
        self.next = next

    def __str__(self) -> str:
        if self.next is None:
            return f"{self.value} -> None"
        else:
            return f"{self.value} -> {self.next}"

vals: Node = Node(3, Node(7, Node(5, None)))
print(vals)
print(vals.next)
print(vals.value)
```

Add this function definition and call

```python
from __future__ import annotations

class Node:
    """Node in a singly-linked list recursive structure."""
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        if self.next is None:
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            return f"{self.value} -> {self.next}"

vals: Node = Node(3, Node(7, Node(5, None)))
print(vals)
print(vals.next)
print(vals.value)

def find_sum(xs: Node | None) -> int:
    total: int = 0
    current: Node | None = xs
    while current is not None:
        total += current.value
        current = current.next
    return total

print(find_sum(vals))
```