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class Node:
    def __init__(self, data, next_node=None):
        self.data = data
        self.next_node = next_node
    def print_data(self):
        val = self
        while val:
            print(val.data)
            val = val.next_node
    def add_node(self, new_node):
        if self.next_node is None:
            self.next_node = new_node
        else:
            self.next_node.add_node(new_node)
    def delete_node(self, value):
        if self.data == value:
            if self.next_node:
                root = self.next_node
            else:
                root = None
            return
        prev_node = self
        curr_node = self.next_node
        while curr_node:
            if curr_node.data == value:
                prev_node.next_node = curr_node.next_node
                return
            prev_node = curr_node
            curr_node = curr_node.next_node
        print("Node not found")
root = Node('C')
#data addition
root.add_node(Node('P'))
root.add_node(Node('E'))
root.print_data()
#data deletion
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root.ueieie_noue( r )
root.print_data()

C
P
E
C
E
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2 of 2