

M3: Hands-On: Linked Nodes Results for Honey Reddy Nagireddy

Score for this attempt: 2 out of 2

Submitted Feb 22 at 10:08am

This attempt took less than 1 minute.

Question 1

1 / 1 pts

What *singly-linked* list of nodes is accessible from `n` after the following statements have executed?

```
Node n = new Node(1);
n.next = new Node(2, new Node(3));
n.next = n.next.next;
n = new Node(4, n);
n.next.next = new Node(5);
n.next = new Node(6, n.next);
```

- A. [1] → [2] → [3] → [4] → [5] → [6]
- B. [6] → [5] → [4] → [3] → [2] → [1]
- C. [4] → [6] → [1] → [5]
- D. [4] → [5] → [6]

☐ A

☐ B

☒ C

☐ D

Correct!

Question 2

1 / 1 pts

What *doubly-linked* list of nodes is accessible from `n` after the following statements have executed?

```
Node n = new Node(1);
n.prev = new Node(2);
n.next = new Node(3);
n.prev.next = n;
n.next.prev = n;
n = n.prev;
Node m = n.next;
Node p = new Node(4);
p.prev = m;
p.next = m.next;
m.next = p;
p.next.prev = p;
m = null;
p = null;
```

- A. [1] ⇌ [2] ⇌ [3] ⇌ [4]
- B. [2] ⇌ [1] ⇌ [4] ⇌ [3]
- C. [4] ⇌ [3]
- D. [3]

☐ A

☒ B

☐ C

☐ D

Correct!

Quiz Score: **2** out of 2