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Fill in the single missing line of code:

```
int p, *r, **q;

p = 27;
r = &p;

// MISSING LINE
printf("The value is %d", **q); // prints 27.
```

- a. `*q = *r;`
- \*b. `q = &r;`
- c. `**q = p;`
- d. `q = &&p;`
- e. `*q = *p;`
- f. `"`
- g. `"`
- h. `"`
- i. `"`
- j. `"`

General Feedback:

**B** gets q to point to r, which points to p.

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What would be the performance of removeMin and insert methods in a priority queue if it is implemented by a sorted list?

- a.  $O(1)$  ,  $O(1)$
- \*b.  $O(1)$  ,  $O(n)$
- c.  $O(n)$  ,  $O(1)$
- d.  $O(n)$  ,  $O(n)$
- e. `"`
- f. `"`
- g. `"`
- h. `"`
- i. `"`

General Feedback:

**O(n) , O(1)**

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What is the value of j after this code is executed?

```
int i = 6, j = 10;

j += i;
```

- a. 4
- b. 6
- c. 10
- \*d. 16
- e. Undefined
- f. "
- g. "
- h. "
- i. "
- j. "

General Feedback:

The value of variable i (6) is added to that of variable j (10) resulting in 16 as the new value of j