

634167 2  
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.

632105 2  
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)

632090 2  
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