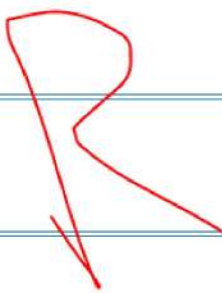


Question # 13 of 30 (Start time: 09:05:13 AM, 22 June 2021)

length() method of List class is used to:

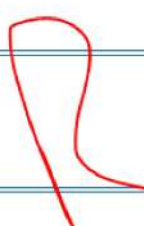
Select the correct option

- | | |
|----------------------------------|--|
| <input checked="" type="radio"/> | Return the length of the list |
| <input type="radio"/> | Return the length of empty part of the list |
| <input type="radio"/> | Return the length of the array |
| <input type="radio"/> | Return the length of empty part of the array |
- 

Question # 14 of 30 (Start time: 09:05:28 AM, 22 June 2021)

Suppose we have the following values to be inserted in constructing AVL tree,
10,13,15,5,7,8
Tell when first rotation will take place.

Select the correct option

- | | |
|----------------------------------|-------------------------|
| <input checked="" type="radio"/> | after inserting node 15 |
| <input type="radio"/> | after inserting node 5 |
| <input type="radio"/> | after inserting node 7 |
| <input type="radio"/> | after inserting node 13 |
- 

Question # 1 of 30 (Start time: 09:00:17 AM, 22 June 2021)

What will be the postfix expression of following infix expression?
 $D+E*F/G$

Select the correct option

- | | |
|----------------------------------|------------|
| <input type="radio"/> | $DE+FG^/$ |
| <input type="radio"/> | $DE+F^*G/$ |
| <input checked="" type="radio"/> | $DEF^*G/+$ |
| <input type="radio"/> | $DE^*F/G+$ |

Question # 2 of 30 (Start time: 09:00:39 AM, 22 June 2021)

Josephus problem is resolved by the implementation of _____.

Select the correct option

- | | |
|----------------------------------|----------------------|
| <input type="radio"/> | Stack |
| <input type="radio"/> | List |
| <input type="radio"/> | Queue |
| <input checked="" type="radio"/> | Circular linked list |

Question # 4 of 30 (Start time: 09:02:32 AM, 22 June 2021)

In a complete binary tree, for 25000 nodes the depth will be _____.

Select the correct option

- | | |
|----------------------------------|----|
| <input type="radio"/> | 16 |
| <input type="radio"/> | 12 |
| <input checked="" type="radio"/> | 14 |
| <input type="radio"/> | 15 |

Question # 5 of 30 (Start time: 09:02:52 AM, 22 June 2021)

We allocate memory dynamically by using _____ operator.

Select the correct option

- | | |
|----------------------------------|-----------|
| <input type="radio"/> | increment |
| <input type="radio"/> | decrement |
| <input type="radio"/> | this |
| <input checked="" type="radio"/> | new |


CS301: Grand Quiz

Quiz :

Question # 6 of 30 (Start time: 09:03:09 AM, 22 June 2021)

Suppose we have the following values to be inserted in constructing AVL tree,
20,23,25,10,12,13
Tell when first rotation will take place.


Select the correct option

- | | |
|----------------------------------|-------------------------|
| <input type="radio"/> | after inserting node 23 |
| <input checked="" type="radio"/> | after inserting node 25 |
| <input type="radio"/> | after inserting node 12 |
| <input type="radio"/> | after inserting node 10 |
- 

Question # 7 of 30 (Start time: 09:03:25 AM, 22 June 2021)

We can make a lexicographic order of characters based on their _____.

Select the correct option

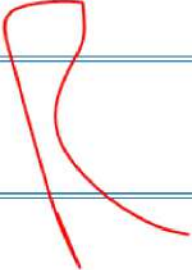
- | | |
|----------------------------------|------------------|
| <input type="radio"/> | Memory addresses |
| <input checked="" type="radio"/> | ASCII values |
| <input type="radio"/> | Binary digits |
| <input type="radio"/> | Random choice |
- 

CS301:Grand Quiz

Question # 8 of 30 (Start time: 09:03:41 AM, 22 June 2021)

Generally there is/are _____ case(s) to delete a node from BST.

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | 4 |
| <input type="radio"/> | 1 |
| <input checked="" type="radio"/> | 3 |
| <input type="radio"/> | 2 |
- 



Grand Quiz Spring 2021

Subject Code CS301 lecture 1 to 22

Dear Viewers:

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