TEST SUMMARY FOR : No name

Username : 15
Name : No name
Test Start Time :
Test End Time :
Test Duration : 0min 7sec
Score : 0
Remark : NORMAL

Question 1:

Assuming int is of 4bytes, what is the size of int arr[15];?

Student answer :

""

Solution :

"60"

Question 2:

You are given pointers to first and last nodes of a singly linked list, which of the following operations are dependent on the length of the linked list?

Student answer :

"Insert a new element as a first element"

Solution :

"Delete the last element of the list"

Question 3:

Which of the following applications may use a stack?

Student answer :

""

Solution :

"Compiler Syntax Analyzer"

Question 4:

What is the value of the postfix expression 6 3 2 4 + **?**:

Student answer :

""

Solution :

"Something between 15 and 100"

Question 5:

If the elements **A**, **B**, **C** and **D** are placed in a stack and are deleted one at a time, what is the order of removal?

Student answer :

""

Solution :
"DCBA"

Question 6:
Which of the following is false about a doubly linked list?

Student answer :
"The insertion and deletion of a node take a bit longer"

Solution :
"None of the mentioned"

Question 7:
Which of the following real world scenarios would you associate with a stack data structure?

Student answer :
""

Solution :
"piling up of chairs one above the other"

Question 8:
In linked list implementation of a queue, where does a new element be inserted?

Student answer :
""

Solution :
"At the tail of the link list"

Question 9:
The operations that needed to be performed are (You can perform only push and pop):
Consider you have a stack whose elements in it are as follows.
5 4 3 2 << top
Where the top element is 2.
You need to get the following stack
6 5 4 3 2 << top

Student answer :
"Push(pop()), push(pop()), push(6)"

Solution :
"Push(pop()), push(6), push(pop())"

Question 10:
Consider these functions:
push() : push an element into the stack
pop() : pop the top-of-the-stack element
top() : returns the item stored in top-of-the-stack-node
What will be the output after performing these sequence of operations

push(20);
push(4);
top();
pop();
pop();
pop();
push(5);
top();

Student answer :

""

Solution :

"5"
