



Question - 1 BST Traversal		SCORE: 5 points
	inary search tree, which traversal type would print the values in sorted order?	
	Preorder	
	Postorder	
•	Inorder	
	All of the above	
Questic Elementa	on - 2 ary Symbol Table	SCORE: 5 points
Which of	the following is true for symbol table?	
•	Only one value is associated with each key (no duplicate keys in a table).	
	numeric and starting with 0. Then they should be in range of 0 to N-1 where N is ymbol table.	
Finding floor	r is to find the largest key that is less than or equal to the given key.	
Finding ceili	ng is to find the smallest key that is greater than or equal to the given key.	
As a symbo	I table is always sorted with respect to keys. It can also act as priority queues.	
ArrayList, Li Java.	nkedList, Stack and Queues are good examples of in built symbol tables in	
Question - 3 Binary Tree		SCORE: 5 points
Which of	the following statements about binary trees is NOT true?	
•	Every binary tree has at least one node.	
	Every non-empty tree has exactly one root node.	
	Every node has at most two children.	

Every non-root node has exactly one parent.	
Question - 4 Height of tree	SCORE: 5 points
The following numbers are inserted into an empty binary search tree in the given order: 10, 1, 3, 5, 15, 12, 16. What is the height of the binary search tree?	
O 2	
3	
<u> </u>	
Question - 5 Sequential search in an unordered linked list	SCORE: 30 points

Please implement the **put()** and **delete()** function of symbol table with a linked list of nodes that contain keys and values.