

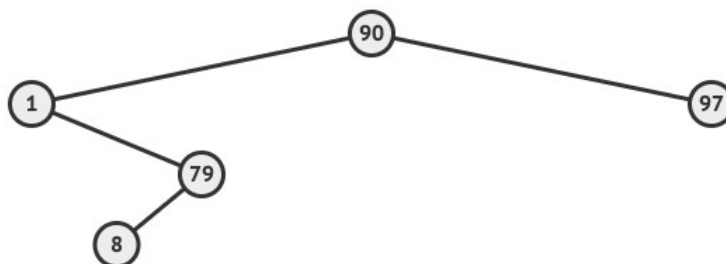
Q1: Convert the following expression into postfix.

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$$1+8/2*5-4+6-3$$

Q2: Do the following operations in sequence on the given Binary Search Tree (BST). Use the updated tree for subsequent operations:

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- a) `insert(94)`
- b) `insert(85)`
- c) `insert(96)`
- d) `insert(82)`
- e) `erase(90)`

Q3: Write an insert function in **ADT code** for an unsorted linked list which inserts two values at a time. When the function is called like `insert(2,5)`, then these two values should be inserted in the list. This should function should not call any other function.

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Q4: Write **client code** to merge two queues (q1 and q2) into another queue (q3). At the end of the code, the original queues (q1 and q2) should contain the same values as before.

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Q5: Write a **client code** function called `sum`, which takes a linked list as parameter and returns the sum of the elements in the list. Signature of the function should look like `int sum(UnsortedList<int> &u)`

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