NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA
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EndSem Examination

1. Implement a *binary search tree* (*BST*) program to insert 20 random integer keys (in the range 0 - 50) in the order as they get generated

2. After constructing this initial tree, find the *inorder successor* of any key persent in the tree, by taking input from the user

3. Show the output screenshot for any three keys, taken as the input.

Please assume the other details by yourself.

(the .c/.cpp file(s), output screenshots containing the original tree)

(10 + 5 + 5)

(2:30 hrs)