Output: 1 2 2 3 3 4 5 6 6 7
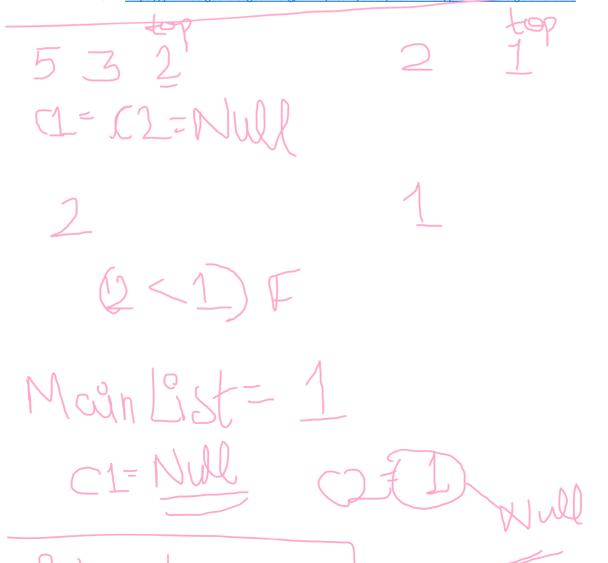**Explanation:**
After merging and sorting the
two BST we get 1 2 2 3 3 4 5 6 6 7.

From <https://practice.geeksforgeeks.org/batch/dsa-4/track/DSASP-BST/problem/merge-two-bst-s>

5   3   2 top

2   1 top

$C1 = C2 = Null$

2   1

$(2 < 1)\ F$

Main List = 1

$C1 = Null$ $C2 = 1$ Null

0   1   1

Stacks

5 3 2̲̲   2

(2<2) False

ML = 1̲ 2

c1 = Null   2 — ②—③

---

5 3 2̲̲   3̲̲

(2<3) T

ML = 1 2 2

Stacks

5 3̲̲   3̲̲

$c_1 = null$ $c_2 = null$

$(3 < 3) \ F$

$ML = 1 \ 2 \quad 2 \ 3$

starts

5 3   empty

$c_1 = null$ $c_2 = \boxed{7}$

---

5 3   7

---

5 3   7 6

$(3 < 6) \ T$

$ML = 1\ 2\ 2\ 3\ 3$

Stcks

5

76

$c1 = \boxed{4}$

$c2 = null$

---

54 76

$(4 < 6)\ T$

$ML = 1\ 2\ 2\ 3\ 3\ 4$

Stcks

5 $7\ 6$

C1==N   C2=N

$(5 < 6) T$

$ML = 1 \; 2 \; 2 \; 3 \; 3 \; 4 \; 5$

Stc
Empty   7 6

$C1 = \boxed{6}$ C2=NULL

---

6   7 6

$(6 < 6) F$

ML = 1 2 2 3 3 4 5 6

6   7

—————————————————————————

4 = N   C2 = Null

$(6 < 7) T$

ML = 1 2 2 3 3 4 5 6 6

Stck s

Emp   7

C1 = Null   C2 = Null

—————————————————————————

(7)

Null   inorder(7)

Null xx

inorder(7)

ML = 1 2 2 3 3 4 5 6 6 7