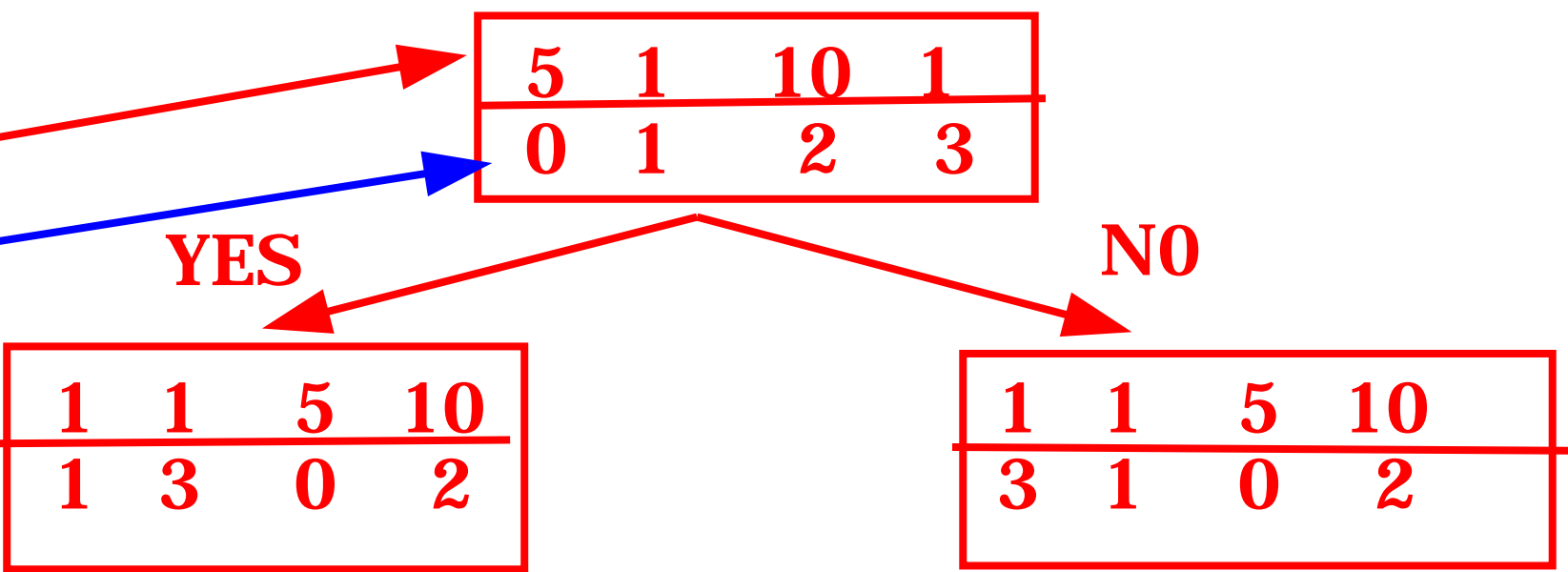


Inplace stable slist sort in ascending order

```
class Node:
    def __init__(self, val:'int', unique:'int'):
        self._val = val
        self._unique = unique
        self._next = None
```



**MUST PRINT ALL STEPS
AS SHOWN BELOW
FOR 100%**

```
0 1 2 3 4 5 6 7
1 2 3 4 5 6 7 8
Before Sort: 1->2->3->4->5->6->7->8->NULL
after divide a: 1->2->3->4->NULL
after divide b: 5->6->7->8->NULL
after divide a: 1->2->NULL
after divide b: 3->4->NULL
after divide a: 1->NULL
after divide b: 2->NULL
after merge a and b: 1->2->NULL
after divide a: 3->NULL
after divide b: 4->NULL
after merge a and b: 3->4->NULL
after merge a and b: 1->2->3->4->NULL
after divide a: 5->6->NULL
after divide b: 7->8->NULL
after divide a: 5->NULL
after divide b: 6->NULL
after merge a and b: 5->6->NULL
after divide a: 7->NULL
after divide b: 8->NULL
after merge a and b: 7->8->NULL
after merge a and b: 5->6->7->8->NULL
after merge a and b: 1->2->3->4->5->6->7->8->NULL
After Sort : 1->2->3->4->5->6->7->8->NULL
CPU time in sec for sorting 8 elements = 0.0
n = 8
nlogn = 24
work = 31
complexity is = 0.7741935483870968 (nlog n)
Your marks are 20
```

