```python
 1 import heapq as heap
 2
 3 L = []
 4 heap.heappush(L,20)
 5 heap.heappush(L,14)
 6 heap.heappush(L,5)
 7 heap.heappush(L,15)
 8 heap.heappush(L,10)
 9 heap.heappush(L,2)
10
11 print(L)
12 print(heap.heappop(L))
13 print(L)
14 print(heap.heappushpop(L,18))
15 print(L)
16
17 L1 = heap.nlargest(3,L)
18 print(L1)
19 L2 = heap.nsmallest(3,L)
20 print(L2)
21
22 L3 = [20,14,2,15,10,21]
23 print(L3)
24 heap.heapify(L3)
25 print(L3)
26
```