

Activities Text Editor Mon 19:13 observation.txt Save

```
1 //MARSHAL GAWANDE
2 // 2020BTEIT00049
3
4 ANSWER:
5
6 A) From my point of view we can't decide the sequence of function executed from gprof
7   because all the function are arranged according to the time taken in sorted order.
8   Also function entries on gprof are not in sequential manner as they are called.
9
10 B) comment on Time complexity
11
12 Time Complexity
13 Best          O(n*log n)
14 Worst         O(n^2)
15 Average       O(n*log n)
16 Space Complexity O(log n)
```

Bracket match found on line: 16 Plain Text Tab Width: 8 Ln 16, Col 31 INS