Comments on output :-

The profiling of quicksort shows the flat profile with time required by functions in descending order along with its call times.

The value entered in the code is for n=1000000.

And time required for each function is given in milliseconds.

For n=10,100,1000 , the time shown to run functions is 0 .

Beyond the value of n=10000000, the output is segmentation fault.

Time complexity of quicksort algorithm is O(nlogn).