

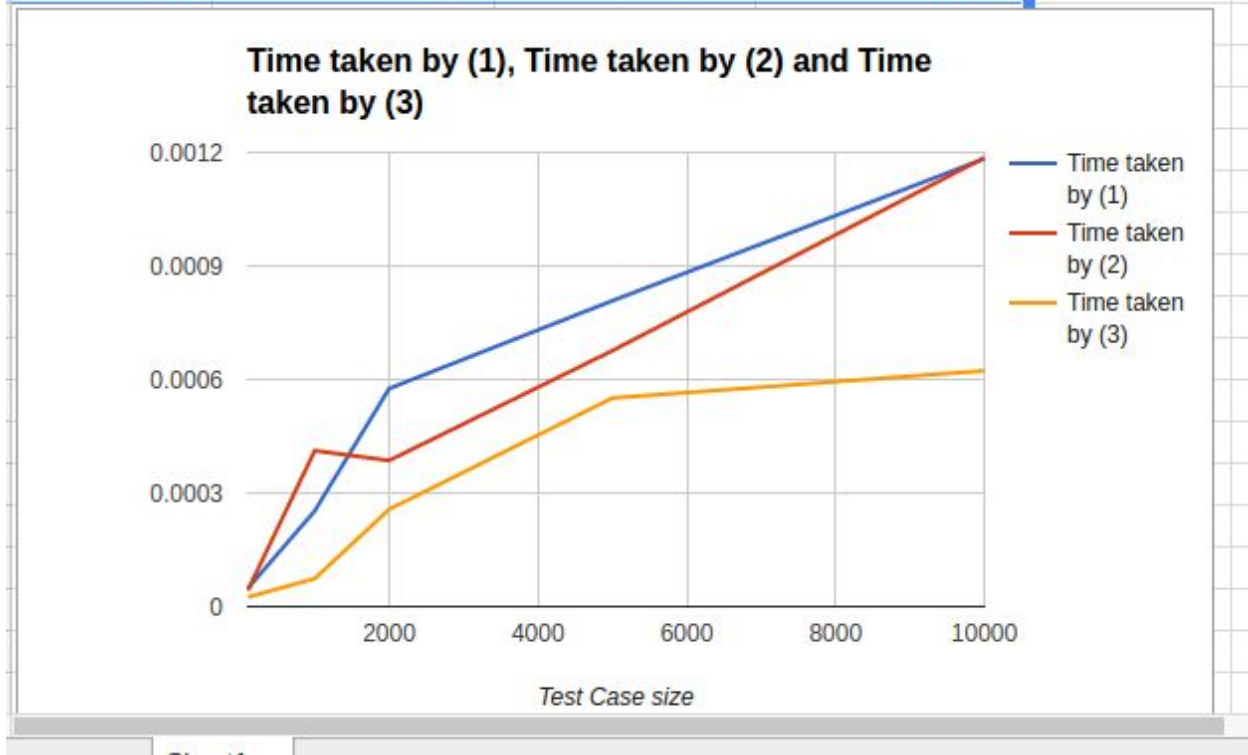
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1. Gift Wrapping Algorithm
2. Graham Scan
3. Quickhull

A. 5 test cases for different values of n.

Test Case size	Time taken by (1)	Time taken by (2)	Time taken by (3)
100	0.000048	0.000043	0.000025
1000	0.000253	0.000412	0.000074
2000	0.000576	0.000386	0.000257
5000	0.000808	0.000676	0.000551
10000	0.001183	0.001186	0.000623



B. For fixed size test cases of different shape of convex hull

1. Test 1
10 points

(48 41) (49 14) (83 30) (97 34) (86 48) (84 16) (22 30) (21 69) (93 46) (50 31)

2. Test 2

10 points

(26 67) (35 2) (59 47) (37 12) (38 51) (91 32) (37 35) (53 40) (20 16) (18 13)

3. Test 3

10 points

(0 1) (2 0) (4 0) (10 1) (11 3) (11 6) (10 10) (7 11) (3 11) (0 10)

Test case no.	No. of points on hull	Time on 1	Time on 2	Time on 3
1	6	6×10^{-6}	2×10^{-6}	1.5×10^{-6}
2	4	2.1×10^{-6}	1.4×10^{-6}	1.3×10^{-6}
3	10	2.4×10^{-6}	2.7×10^{-6}	1.9×10^{-6}