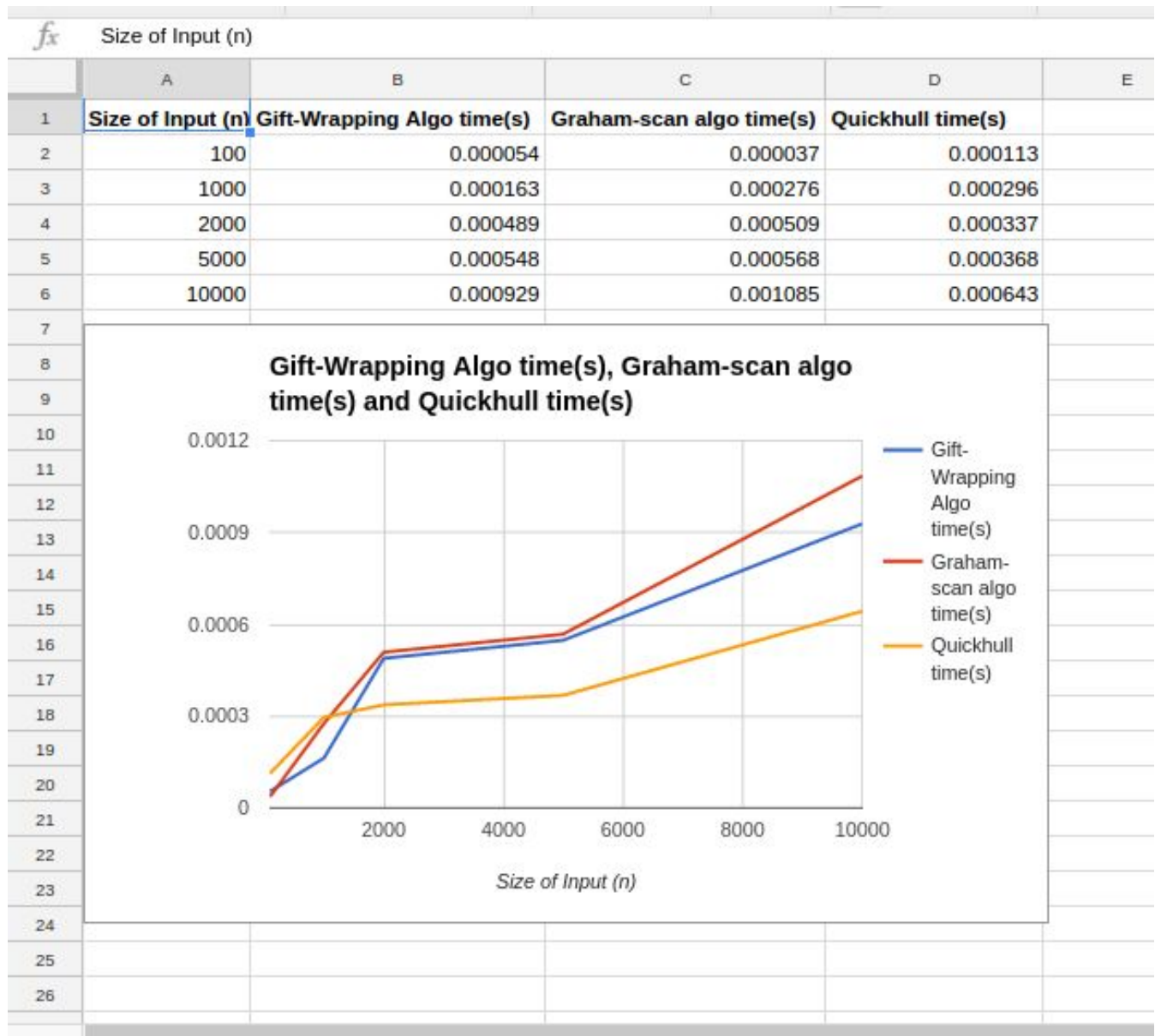


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- A. Performance chart for varying number of point of all the algorithms :
 (All the test cases are generated using **SPOJ Toolkit test case generator**)



- Now for a fix input size and varying number of points on convex hull.
Chart is given below :

1st Test case

10 points :

{{(17, 47), (98, 90), (84, 85), (64, 86), (12, 9), (66, 62), (93, 42), (99, 45), (59, 42), (51, 62)}}

2nd Test Case:

10 points

{{(94, 84), (74, 51), (44, 56), (19, 82), (59, 99), (50, 80), (9, 86), (65, 15), (40, 58), (74, 73)}}

3rd Test Case :

10 points

{{(0,1), (2,0), (4,0), (10,1), (11, 3), (11, 6), (10, 10), (7, 11), (3, 11), (0, 10)}}

Test case number	Pts. on hull	Time of 1st(s) (gift-wrapping)	Time of 2nd(s) (graham-scan)	Time of 3rd(s) (quickhull)
1	6	0.000019	0.000024	0.000036
2	4	0.000020	0.000023	0.000021
3	10	0.000024	0.000029	0.000041