

Running Time comparisons of the 3 algorithms:				
Note 1: All the times are in seconds.				
Note 2: These times do not take into account the time required for printing the output.				
Case 1: All points lie on the convex hull				
Input size(n)	Gift Wrapping	Graham Scan	Quickhull	
100	1.122	0.975	0.536	
1000	1.868	1.458	0.986	
2000	2.158	1.716	1.364	
5000	3.488	2.158	2.158	
10000	4.697	2.537	2.308	
Case 2: No. of points lying on the convex hull \neq n.				
Input size(n)	Points on hull(h)	Gift Wrapping	Graham Scan	Quickhull
100	10	0.013	0.01	0.008
1000	18	0.023	0.015	0.014
2000	17	0.033	0.021	0.018
5000	21	0.038	0.029	0.025
10000	12	0.045	0.033	0.034