Q6 Algorithm Analysis:

Runtime Observations:

- Quick Hull performs well for small datasets but degrades to O(n^2) in the worst case.
- Chan's Algorithm performs better for larger datasets due to its output-sensitive nature.

Memory Usage:

- Quick Hull uses less memory as it relies on recursion.
- Chan's Algorithm may use more memory due to the creation of subsets and intermediate hulls.
- However, In my case Both Algorithm used same memory.