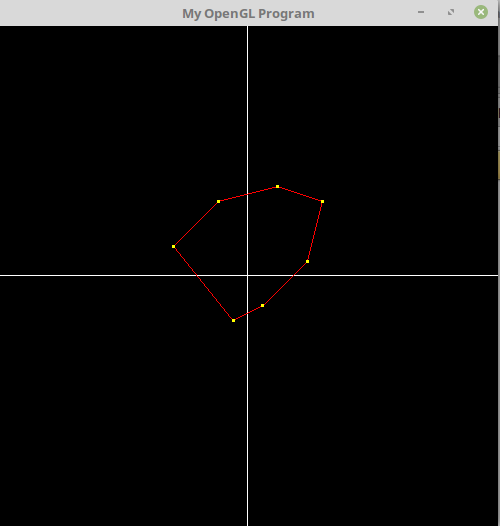
**Time Complexity of Graham Scan Algorithm:**

Time complexity of Graham Scan algorithm is always irrespective of the input. time is needed while sorting the vertices according to their angle with the most bottom-right vertex.

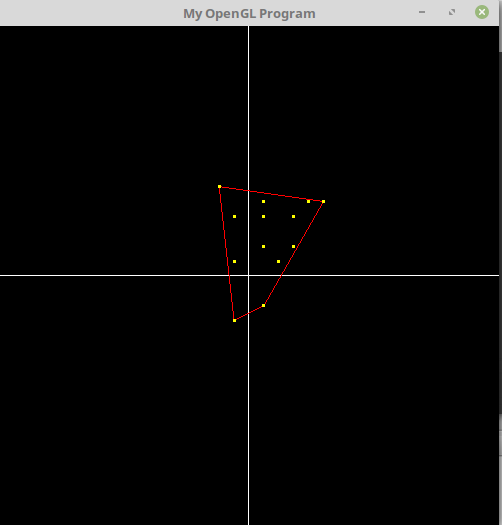
***Graham Scan* performs better than *Gift Wrapping*:**

****

Graham-Scan:

Gift-wrapping:

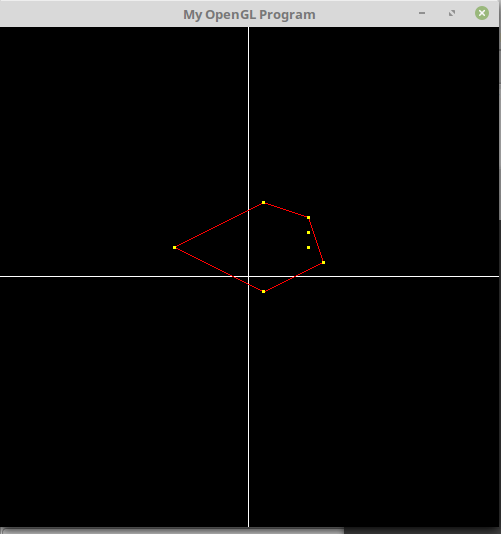
***Graham Scan* performs worse than *Gift Wrapping*:**

****

Graham Scan:

Gift-wrapping:

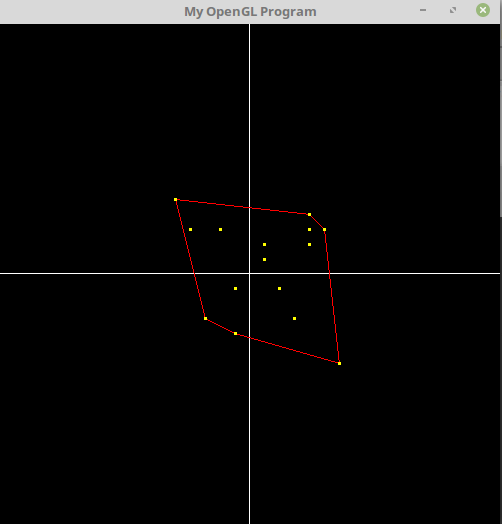
***Graham Scan* performs better than *Quick Hull*:**

****

Graham Scan:

Quick Hull:

***Graham Scan* performs better than *Quick Hull*:**

****

Graham Scan:

Quick Hull: