Assignment No. 4.

Title - Polygon Drawing . & filling

Problem Statement -

the mouse thouse the colors by clicking on designed alor pane

Objective

- · To understand & study polygon drawing algorithm.
- · To study the different polygon filling algorithm.

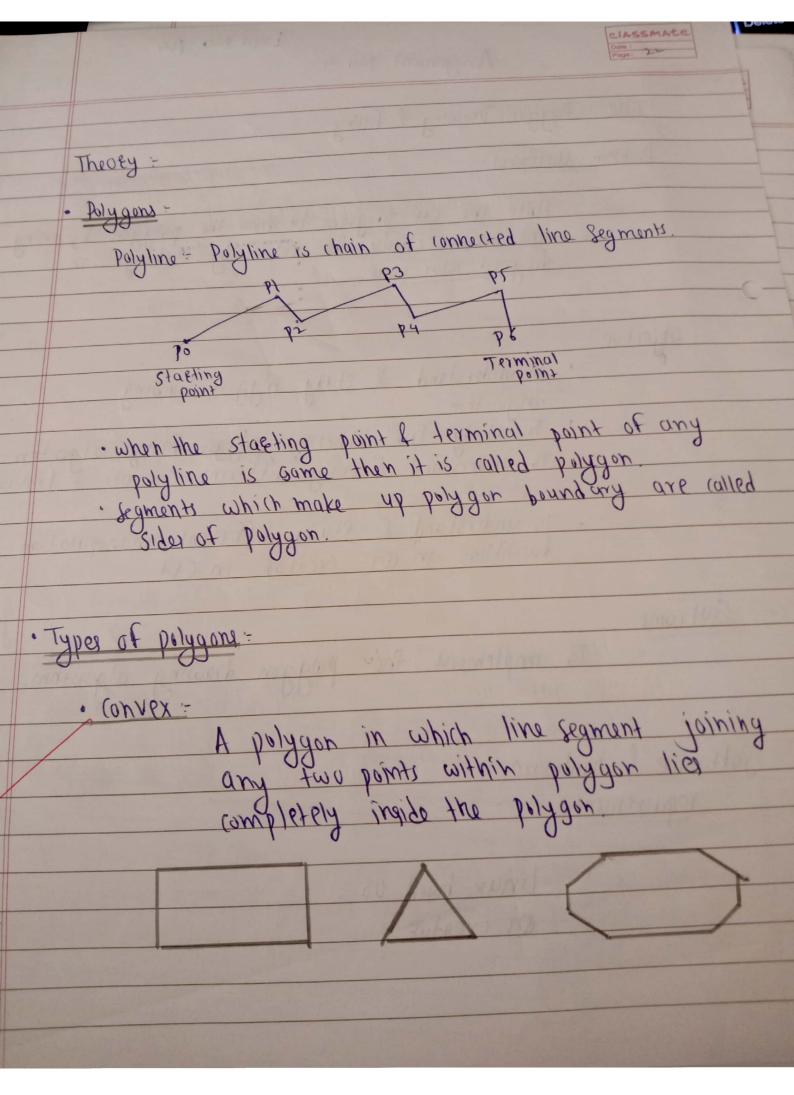
 To understand & study different concepts & features
- of 00P.
- · To understand & study different manipulation
 facilities in QT creator in Ctt

Out come =

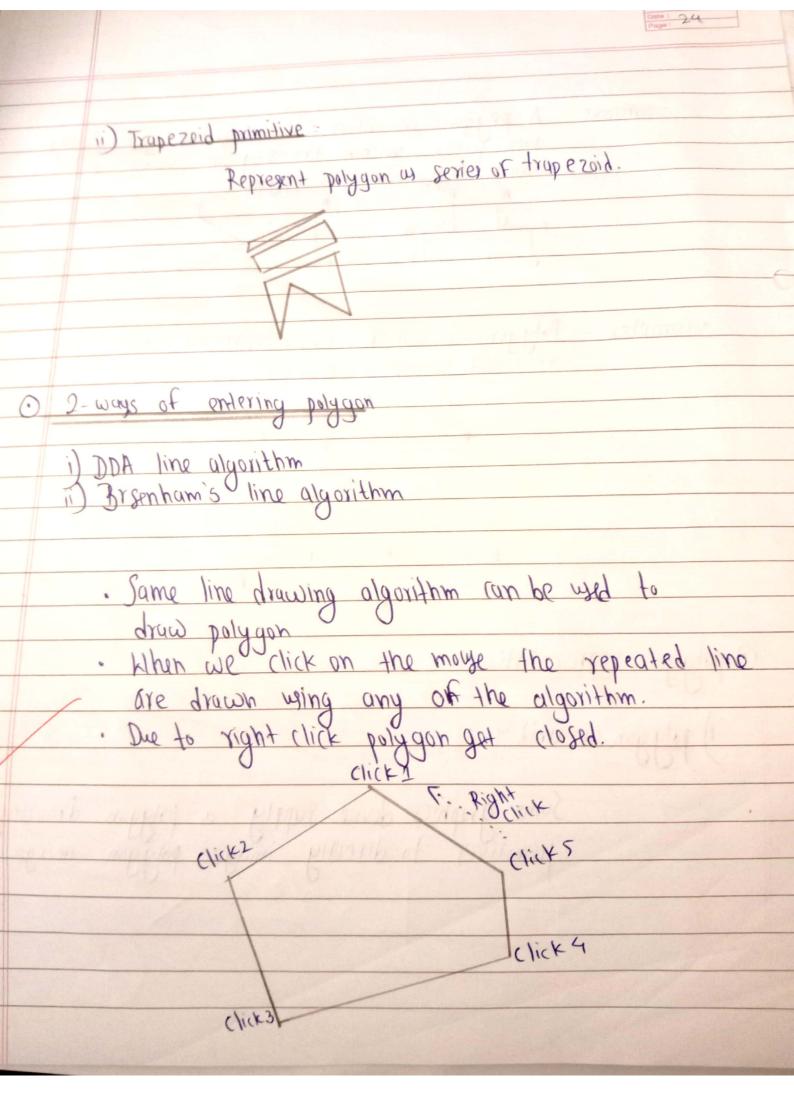
To implement the pulygon drawing algorithm.

Poftware & hardware requirement :

> Linux boxed Os. QT CYCATOR.



classmate Date 23 From 23
Concave A polygon in which line segment joining any two points within the polygon may not lie completely inside the polygon A B A B A B A B A B A B A B A
· Complex - Polygon in which edges interfect each others 15 called complex polygon.
O polygon representation-
Jolygon as unit:
Some graphics device supply a polygon drawing primitives to directly image polygon image.



	Conclusion: Ale have leash of implement the polygon Arawing algorithm of MouseEvent handling in this assignment.
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