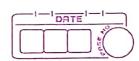
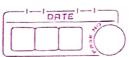


	Assignment - 7 (B2)
	Bobles definition
	1) it a comment to draw a
	with seed fill algorithm. Use Mouse to
	with cost fill alaxithm ()se Mause to
	coeate polygon.
	, 54
	Objective: - To draw Polygon using Mouse 4
	fill it using a seed fill algorithms
	- Understand concept of neighbours in
	Objective: - To draw polygon using Mouse of fill it using a seed fill algorithms - Understand concept of neighbours in fill algorithm.
	Nichard Control of the Control of th
	Outcome:
	Understanding of seed fill algorithms will help to choose the sight method in the correct
	to choose the sight method in the cossect
	situation.
	HIW & SLD REQUIREMENTS:
	-64 bit 0s
	- Qt creater
	3 1 0' 1 Lang many many many southernous
	Theory: laste and he sayour say was made
	- Filling algorithms which need a Doint
	known inside the polygon are known as
	seed fill algorithms.
	- Using the concept of neighbours filling
	- Filling algorithms which need a point known inside the polygon are known as seed fill algorithms.  - Using the concept of neighbours, filling alopsithms an be classified as.
	ix 4 neighbooks
	ix 8 neighbours
_	· '



	- 100 Jan 1 H - 100H 1
	- we can decide the method to use
	is In 4 peighbours each Dixel filled tooks at
	is In 4 neighbours each pixel filled tooks at
A.1. A	
	@ (1/4 S) (A)
1	Seed till is applied to consider to the 4 Deighbooks.
	is used which is as follows:
	is used which is as tollows:
	003
1,	(4) (2) (S) (6) (9) (S)
	cool (1) cool la serveral de la la de
	seedfill is applied secursively to there 8
	neighbours
	Consider the tollowing use let 'B' be the
	Consider the following use let 'B' be the boundary are numbers be pexel to be filled
1	BBB
-	B(0) B(B)
	BBOBB
	BB 3 B
	BBB3



	IF we fill pixel (), then by using 4 neighbour method, we cannot fill (2) 4
	(3)
	Since the problem retions convex polygon use will use 4 polygon reighbours.
	we will use 4 polygons Aeighbours.
	Terl cases:
	Input expected of Actual of Sesult
·}	filling of xed colored xed colored pays square with sequere square xed color
	sed colour seguate square
11)	tilling pentagon Blue coloxed Blue coloxed pays with blue tolox square square
	Conclusion: Thus using the concept of neighbours, we
	Conclusion: Thus using the concept of neighbours, we were able to create a polygon and fill it with desixed color.
	till it with desixed color.