	Name: Pritesh V. Nikale Roll No: 21446 Batch: G-4 Assignment - 7 Batch: G-4 Assignment - 7
_	
_	· Problem statement :-
_	Hoste a C+1 program to doans 4x4 cheauboard rotated 45° with
_	4x4 chearboard rotated 45 certhro
	horizontal axis. Voe Bresenhano algorithmo. to draw all the illnes voe oced fill
	algorithm to FII the black squames
	algorithm to till the since
	· Objectives:
	To maderitand basic rotation
	transformation & seed FII algorithm for
	the cheooboared:
	The Chicosestines
_	· Outcomo !-
_	de will be able to do rotation Ale will be able to do rotation B fill the chess board with occident algorithm
	& EII the chees board with seedfill agantin
_	9 9111
-	· HIH & OTH :- linux, at, occasor.
-	· HIM 9 OTT
-	- AL CIOCLES
-	· Theory 4x4 chearboared, we draw
1	1 11 8 5 vertical lines
	5 honzontal squares & are
	Forming 16 small squares of ming.
	big square, Higersagivery
	1 1 de black
-	
	64MP ALQUAD-CAMERA
and the same	Shot by PREET 2020/04;/20 17:51

· Algorithm:
Rotation

Float A

Ploat to

Float A[max] B[max], C[max, D[m Ploat til = TI/180; for i = 0 to to do A[i] = (n, [i] -200) *, Cos.45-(7, Ci] -200) *, Cos.45-(7, Ci] -200) *, Cos.45-(9, Ci] -200) *, Cos.45. (9, Ci] -200) *, Cos.45. (1) = (n2 [i] -200) *, Cos.45. (12 [i] -200) *, Cos.45. (12 [i] -200) *, Cos.45.

For i = 0.: to. 10 ido

ACiJ + = 200;

BCiJ + = 200;

CCiJ + = 200;

DCiJ + = 200;

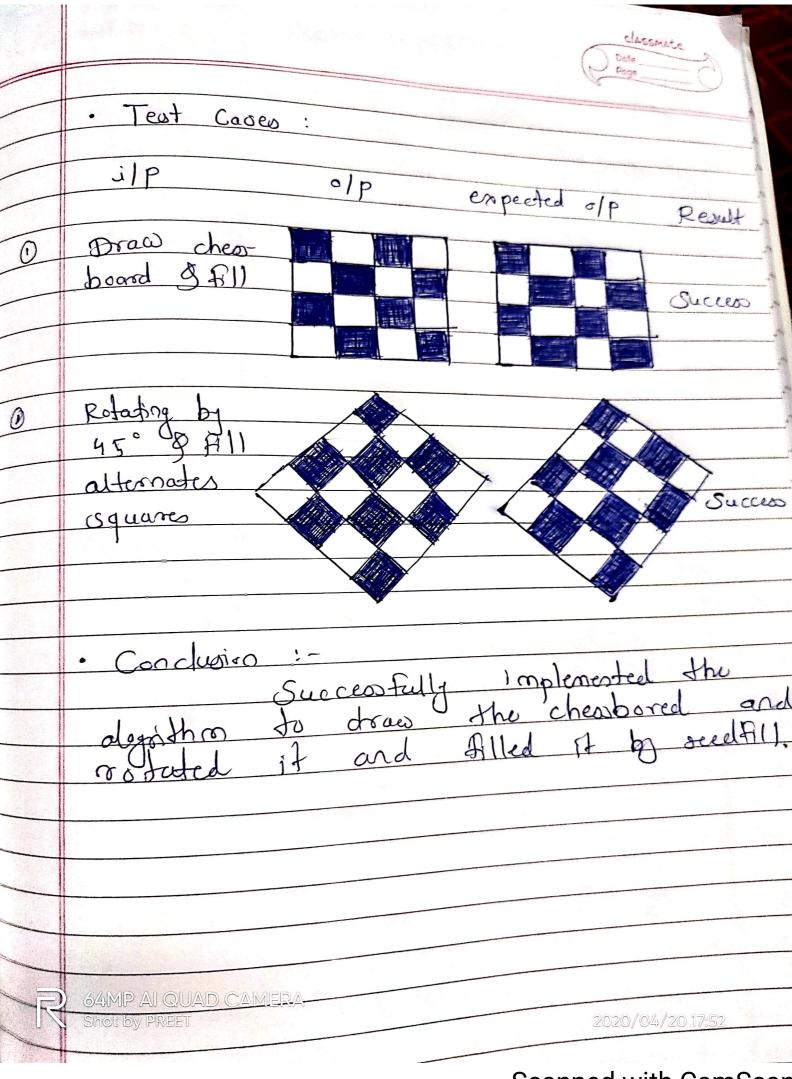
For i :. 0, to to do

breo (ACI), BCI), CCI), DCI))

(12 Ei] - 200) + c0348

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