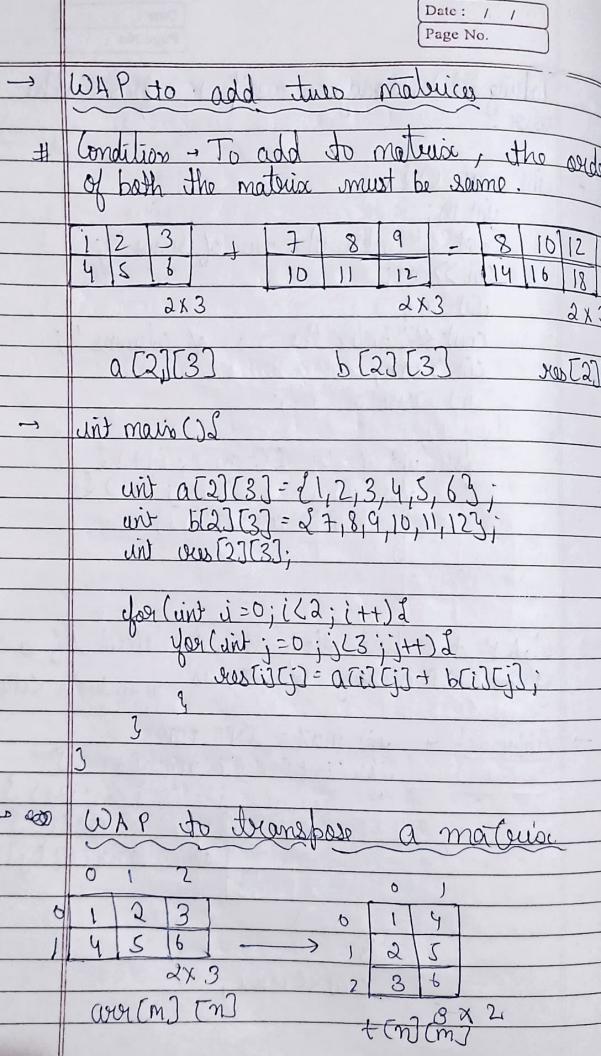


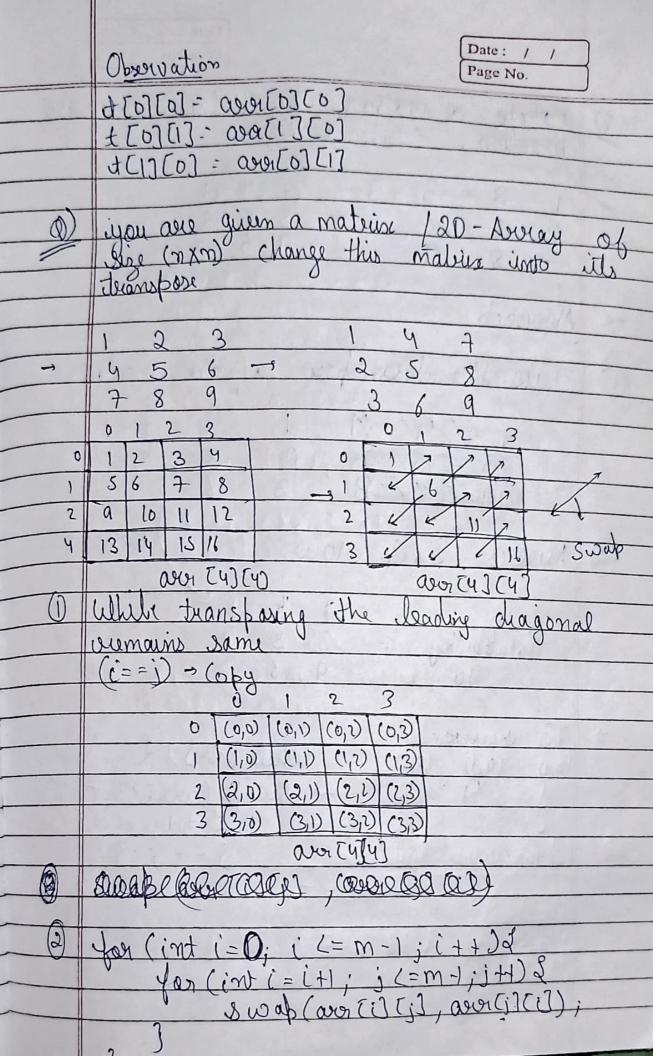
Page No. unt war [3][3]- {21,2,33, 24,5,63, 27,8,933, 0,001 0 1 2 und aru [] [3]= 2 12, 34, 56, 78, 91, 233; and doesn't motter if you give sow no on not forwarders perousted that you are initializing at the time of declaring Traversal through 2-D arrays Lint avar [3][3]=21,2,3,4,5,6,7,8,93; To print this array Jor (ant i=0; i(=2; i+1) &

you (int j=0; j(=2; j+1) d

you (out any Ti) Ti] ((""); Cout Kendl;

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=)_	Taking 20 digrays as wifed from the
	USER O O TO
-	unt main Us
	Cout ("Enter the no of your";
	(in) m;
1711	uit n;
	Cont (1" Enter the no. of columns";
	cin >> m;
	int arritmond.
	The Barbara of the Control of the Co
	$\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; j < m-1; j+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $ $\int_{0}^{\infty} \frac{(u+1)}{(u+1)} = 0; i < m-1; i+1) $
	Jag (uit j=0; j (=n-1; j++)]
-	an Saxx [i][i];
	2
	IV seasoft to the sea
⇒	Quein 2D acray of integers # include (climb
	Quein 20 account of a
	# anchi de Climit
7	Approach = wit max = INT MIN;
	Jor (inti=0; i/m; i+1) P
	Jan (unt i = 0: i(a::14) ?
11	for (inti=0; i(m; i+t) } for (inti=0; i(m; i+t) } int max (acorti](i) }
	mex = asa cij (ij;
	3
	3
	Cout < C max;





Rotate a materia by 90° un Machine, disordion. (Sertrode-48) Approach Take the teamspose of the maleine Reason Reserve each 9100 Rotated by = 8 5 2 90° 9 6 2 To soverse
(0,0) (0,1) (0,2) While (i <= i) &

1 4 7 - Swap (asorti), (5])

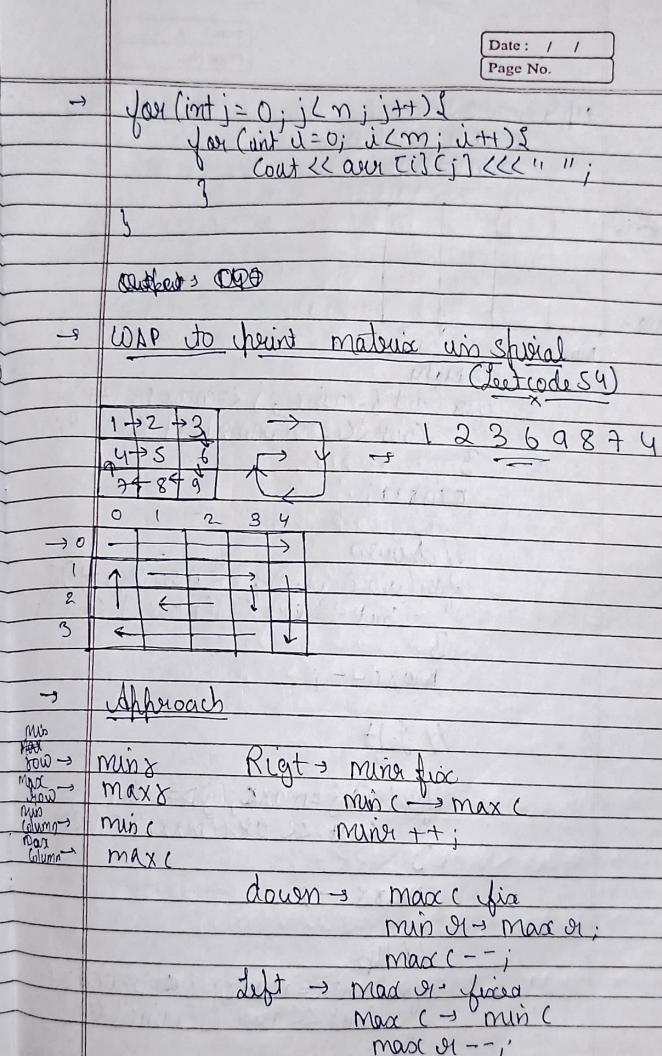
i i + 1;

j -- j : 3

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9	tues maleries guien by the uses			
>	on Condition for multiplication			
	assitm) [D] seed [D] [Q]			
	$\rightarrow [M==P] \rightarrow$			
*	The son of first motorise must be			
	agual to the scow of second matrix			
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	a 2×3 2			
	3XY			
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948 - 2×4				
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-	CONTROL SULL AND AND E			
[] [] [] [] * [] [] [] + [[] [] * [] [] = [[] [] & b[] &				
	+ aci][2] * b[2][j]			
	9=11-1			
-	Jus Ci] [j] = - Sari][x] * b[x][j] ?			
-	J=0			

Date: / Page No. more succe in sietem trively of PAW - 123 654 789 Approach - even 2000 - noumal printing son Mulile Buiting une have to make differ for (in) i=0; i 2m; i++) & if (i), 2==0).2 Jor (int)=0; j Ln; j++) &

Cout << ann [i] [i] << '''); else 1/1 = 1, 3,5 Las (unt j=n-1; j>=0; j--) [
Cout annti] [j] << ""; Column weise printing 147 258 369



Date: / Page No. up - min (fixed made & min or; min(++; Minor Jaxxmaxc Minc 11 Right for (int j = min (j <= max (j)+)]

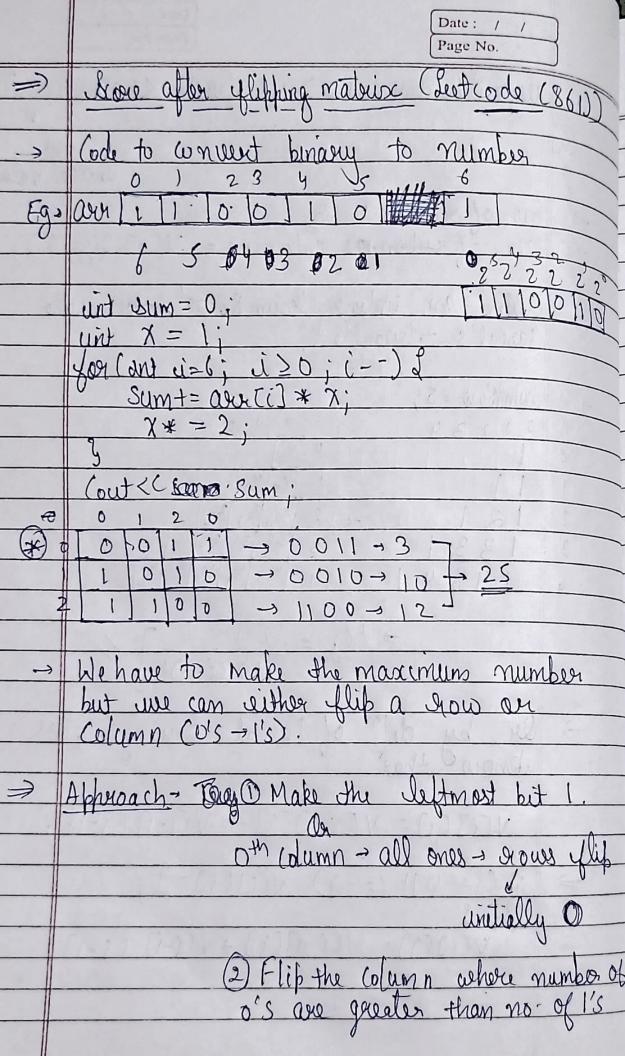
Cout < (asoi [min oi][j] <<" ". minx++; nevalb/1 Jan (wit i = minn; i <= max x; i ++) {
Cout << ava (i) [max c) << " "; Maxi--; 11 Left Jan (int j=maxx; j>=min (; j--){

Cout << Over [maxx] Cj <2" maxx --; fort int i= maxs; i =>= ruins, i-) [
Cout << aux [] [minc] <<"; minicati

	Page No.
-	2-D Vedous
(-	D Inouerse 21008 Variable column
<u> </u>	V=2 21,2,33, £4,53, £6,7,8,9,1033
0	0 1 2 3 4
1	678910
\rightarrow	Passing of 2-D asserans anto functions
)	In 2-D arrays while passing it into a function of Equacion with the provide of Course work & named a start
	Usido chango 2D (unt avor [7 [7]) 2
	3 (x)
-1	Usid change 20 (unt aun [2][3])]
	3
7)	How to create a 20 vector
	Next Page

		Date: / / Page No.	
	Loid main O.S.	asy as	7
	Vector Kurit > Vij	7-3	
	VI. Jush-back (1);	X SR IN	
	VI. Joush back (2);		
	1. Jush - back (3);	N. W.	
	100 Jan / 60 > V		
	vectory (int) 1/2;		
	12. Jush-back (4);		
	V2. fush back (S);		
	vector (int) 13;	14 13/4	
	Vz. push loack (b);	BRIG	
	1/3. Jush - back (7);		
	V3. Jush back(9);		
	13. jush - back (10);	A Diversi	-
	110, day / 110, 1 - , 2 5 1 5 1 1 .		
	Vector & vector & vid>> V;		
	V. fush-back (Vi);	VIII VIII VIII VIII VIII VIII VIII VII	
	V- fush - back (V3);		
		n ghinn	- 10
	3		
3	I location of an area		
	exotise of 20 vertice		
	VCCtori) Kotosu) Rotosu)	No.	
		loitini	sire
4	vector (vector Lint) V(m)	i	8
•			
	vector (vector (vint >) V (m, v	TOON (GO)	•
	cuon,		cotumn

Date: / / Page No. Medan (we don (air) > V (3, medan (ird) (4, 20) no. of rows = V. Size; no. of columns = V[0]. Size (); Pascal's deciangle. 0) num Row = S; 0 by del of Pascal Duangle, we V[i][j]= V[i-D[j]+ V[i-D[j-]; il (j==011 (== j) V(i)(j)=1; VE()C()-1)+V((-1) (;-1);



Date: / / Page No. Search an element in a 2D-materia algorithm - int i = 0 ; While (ix ows &8 j-> 0) 2 if (matrix [i] [j] == target) ordern tous; else if (matrix [i][j]) target) j--; return false;