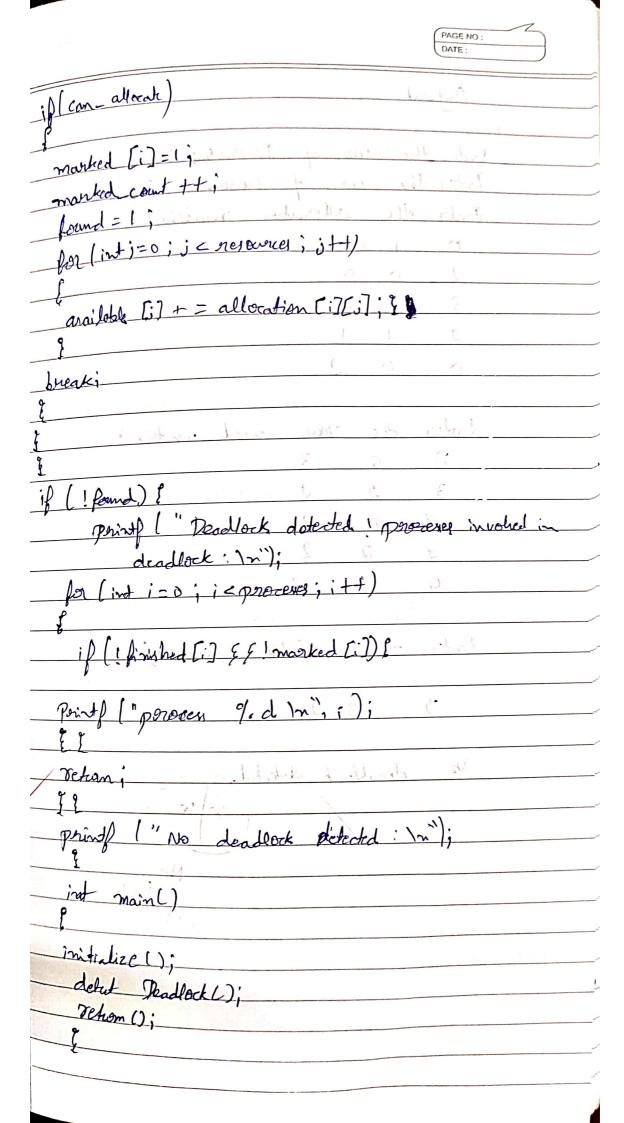
16/8/23 detection. # include < Stalio. hz MAX_ Proxes 10 MAX Resource 101 int procesce, resources; int allocation [MAX processed] [MAX Repences]; - need [MAX poocens] [MAX - Resource]; int available [MAX Resources]: int marked [MAX - PROZEURA); int finished [MAX_growses]; void initialize () { paint ("Enter the number of processes:"); Scan [("% d", & p9782esser); printf ("Enta the number of susowies:" Scanf (" of di & nesource); Point ("Enter the allowin matrix."In" for (int i=0; i a processes; it) for lint j=0; j = nesource; j++) f Scanf (ofod , & allocation [17[37); Parial ("Enton the mass nord madrix: \n"); for lint i=0; i = proces; it+) for (int i=0; i < nerounces; it) Scarf (" god", & max [i)

Perint ["Enter the available 5 Scamp ("of d", & available [i]); detect deadlock() for lintied; i approcesses for (int i=o; i processes; i+ int j=0; j = 9resonaus; j++) max -need[i][i] - allocation[i][i] > available[i]; break;



	PAGE NO : DATE :	~
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	Output.	
	Enter the no of porocesses. 1:5	
	Enter the no of nesources 13	
	Enter the allocation materia?	
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	Enter the available resources	
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	12/23	
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	1(1:14:	
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```
Enter the number of the process and resources: 3 3
Enter the total amount of each resource available: 1 2 4
Enter the request matrix:
1 0 2
2 0 9
1 1 0
Enter the allocation matrix:
0 0 1
1 3 6
9 5 1

No Deadlock detected
```