

README

The folder contains 3 files . q1.c is the code for 1st ques . banker_algo.cpp is the code for 2nd ques.

1st can be run on linux terminal by writing "gcc q1.c" cmd and then "./a.out".

2nd ques can run on any ide by writing "g++ banker_algo.cpp" and then "a.exe".

In the 2nd question, the availability matrix takes input for resources available (not from starting but at current state i.e. after subtracting resources allocated given in allocation matrix).

For ex:

5	no. of process
3	no. of resources
3 3 2	availability matrix
7 5 3	Max matrix
3 2 2	
9 0 2	
2 2 2	
4 3 3	
0 1 0	allocation matrix
2 0 0	
3 0 2	
2 1 1	
0 0 2	
0	Process no.
1 0 2	Request String

Here originally availability was (10,5,7) bu after subtracting from total allocation i.e (7,2,5) it became (3,3,2)