BANKERS ALGORITHM

Available Resources =) 1 5 20

Name of Assessment of	Allocation				Mesc				Available			
Market Company	A	B	E	D	A	B	C	D	A	В	C	D
Po	0	Market Contract of the Contrac		0	0	2	1	ø.	1	5	2	0
Pı	The state of the s	2	3	The Transport Control of the state of the	1	6	5	2	St. British Jackson, Apart	in saugustings (see		No. of Control of Cont
P2	1	3	6	5	2	3	Ь	6	and the second second			
P ₃	0	Ь	3	2	0	6	5	2	Books and the state of the stat			
Pu	0	0	l	4	0	Ь	5	Ь				

Need Madoux:

1.

×

				No. 1	
Perocess	A	B	C	D	
Po	0	1	O	Ø	
Pi	O	4	2	1	
P ₂	1	0	D	1	
P3	0	0	٦	0	
Py	0	Ь	L,	2	

For process Po, 水 Resource Available => ABCD 1520 Resource To be provided => 0100 Hore resource to be provided is comparatively a subset of Resource available So the process can be executed without interruption AB CD 15 20 (available) 01100 Consigned for Po) 1630 For process Pi X AB(D Resource Available => 1630 Resource to le Provided => 0 421 : ProcessP, Can't be performed For operass P2 A AB (D Rasoura Avalle = 1630 Resource to be provided =) 1001

. Process P2 can't le performed

```
* for pown P3;
           Rossource Available => ABCD
1630
          Resource to be provided = 0020
          Hore surounce to be provided < Resource aviabable
                  ABCD
                   1630 (available)
                    0 6 32 (allocated)
                   1 12 6 2
   For Process P1 again,
                                 ABCD
              Resource Available => 1 12 6 2
              Resource Provided => 0 4 2 1
           Here resource to be provided < Resource available
                         BCD
                      1 12 62 (available)
                         2 3 1 (allocated)
                      2 14 9 3
```

Resource Roadalle = 2 14 9 3 (available)

Resource Roadalle = 1 03 6 5 (alleaded)

3 17 15 8

A For process P4:

A B C D

3 17 15 8 (available)

0 0 1 4 (allocated)

3 17 16 12

Max instances of Type A = 3 Max instances of Type B = 17 Max instances of Type C = 16 Max instances of Type D = 12