EXPERIMENT 8

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forlediska@RACHEL-FASP: ~

```
forlediska@RACHEL-FASP:~$ gcc experiment8.c -o experiment8.out
forlediska@RACHEL-FASP:~$ ./experiment8.out
Enter number of processes -- 5
Enter number of resources -- 3
Enter details for P0
Enter allocation
Enter Max
                                       7 5 3
Enter details for P1
Enter allocation
                                        2 0 0
Enter Max
                                        3 2 2
Enter details for P2
Enter allocation
Enter Max
                                        3 0 2
                                        9 0 2
Enter details for P3
Enter allocation
                                        2 1 1
                                        2 2 2
Enter Max
Enter details for P4
Enter allocation
                                       0 0 2
Enter Max
                                        4 3 3
Enter Available Resources
                                                  3 3 2
Enter New Request Details --
Enter pid
Enter Request for Resources
                                                  1 0 2
P1 is visited( 5 3 2)
P3 is visited( 7 4 3)
P4 is visited( 7 4 5)
P0 is visited( 7 5 5)
P2 is visited( 10 5 7)
SYSTEM IS IN SAFE STATE
The Safe Sequence is -- (P1 P3 P4 P0 P2 )
                   Allocation
                                                                                Need
Process
                                                  Max
PØ
                0
                               0
Р1
                        0
                                                             0
                                                                            0
P2
P3
                                                                             0
                        0
                                              0
                                                             0
Ρ4
                0
                        0
 Forlediska@RACHEL-FASP:~$ _
```