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NIM : 17.01.53.2031
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Deadlock Banker

(

```
luthfan@DESKTOP-6URA0ND: ~  
printf("%3d", avail[k]);  
}  
printf("");  
g=1;  
}  
}  
}  
if(g == 0)  
{  
    printf("\nREQUEST NOT GRANTED -- DEADLOCK OCCURRED");  
    printf("\nSYSTEM IS IN UNSAFE STATE");  
    goto y;  
}  
}  
printf("\nSYSTEM IS IN SAFE STATE");  
printf("The safe sequence is -- (");  
for(i=0; i<f1; i++)  
{  
    printf("P%d", seq[i]);  
}  
printf(")");  
y: printf("\nProcess\t\tAllocation\t\tMax\t\t\tNeed\n");  
for(i=0; i<n; i++)  
{  
    printf("P%d\t\t", i);  
    for(j=0; j<r; j++)
```

```
luthfan@DESKTOP-6URA0ND: ~  
1. Buat Direktori      2. Buat Berkas  3. Hapus Berkas  
4. Cari Berkas        5. Tampilkan Berkas  6. Keluar      Masukkan perintah ...6  
luthfan@DESKTOP-6URA0ND:~$ vi luthfansl.c  
luthfan@DESKTOP-6URA0ND:~$ touch luthfandl.c  
luthfan@DESKTOP-6URA0ND:~$ vi luthfandl.c  
luthfan@DESKTOP-6URA0ND:~$ vi luthfandl.c  
luthfan@DESKTOP-6URA0ND:~$ gcc luthfandl.c -o luthfandl.out  
luthfan@DESKTOP-6URA0ND:~$ ./luthfandl.out  
Enter number of process --2  
Enter number of resources --1  
Enter details for P0  
Enter allocation      --      1  
Enter Max              --      2  
Enter details for P1  
Enter allocation      --      1  
Enter Max              --      2  
Enter Available Resources      --      3  
Enter New Request Details --  
Enter pid              --      1  
Enter Request for Resources    --      2  
  
P0 is visited( 2)  
P1 is visited( 5)  
SYSTEM IS IN SAFE STATEThe safe sequence is -- (P0P1)  
Process      Allocation      Max      Need  
P0           1      2      1  
P1           3      2      0  
luthfan@DESKTOP-6URA0ND:~$
```