Task2

Name: Ahmed Mohsen Ahmed

ID: 202200061

**Brief description:**

In this task we create a deadlock detection algorithm which takes number of processes and resources then number of available space for each resource then we allocate process which held inside resources and request for additional resources for each process to complete deadlock happens when there no available resources to run processes which why deadlock on which process is printed out when it done which means that some processes didn’t finish when check all and are put in the deadlock state.

**Screenshots of output**:

Test file 1:



Output:

Test file 2:



Output:

Github link:

