Lab7: 5/10/21 Faculty: L. Shyamala

1. Consider the following snapshot of a system in which four resources A, B, C and D are available. The system contains a total of 6 instances of A, 4 of resource B, 4 of resource C, 2 resources D.

Write a C/ C++ code to do the following problems using the banker’s algorithm:

* Compute what each process might still request and fill this in under the column Need.
* Is the system in a safe state? Why or why not?
* Is the system deadlocked? Why or why not?

