

## Project-3

Implement the “Banker’s Algorithm” with an application that accepts as input the following parameters:

- (1) Number of processes
- (2) Number of types of resources
- (3) Total number of instances of each type of resource available in the system
- (4) Maximum number of instances of each type of resource that each process can request from the system
- (5) Number of instances of each type of resource that has actually been assigned by the system to each process

Based on the above parameters, your implementation must determine if the state of the system is secure or insecure. If secure, give one “safe sequence” of processes terminating their tasks successfully.