Indian Institute of Information Technology, Vadodara
International Campus Diu
Operating Systems Lab
(CS363)
Assignment 5

Date: 14/10/2024   Submit by: 14/10/2024

1. Implement the deadlock avoidance algorithms and check for safe state whenever a new resource request is made for the following scenarios

   - Single instance resources using resource allocation graph
   - Multiple instance resources using Banker's algorithm

2. Also, Implement the C program for deadlock detection in the above scenarios.
   NOTE: All the input/output will be done using files.

Best wishes