Indian Institute of Information Technology, Vadodara
International Campus Diu
Operating Systems Lab
(CS363)
Assignment 6

Date: 21/10/2024   Submit by: 21/10/2024

1. Write a c program to simulate producer consumer problem. A producer can produce an item and can place in the buffer. A consumer can pick items and can consume them from it. We need to ensure that when a producer is placing an item in the buffer, then at the same time consumer should not consume any item. Consider a buffer of fixed size. All the input and output will be done through console. Your program should ensure not to create a race condition and support process synchronization.

Best wishes