



Indian Institute of Information Technology, Vadodara
International Campus Diu
Operating Systems Lab
(CS363)
Assignment 8

Date: 11/11/2024

Submit by: 11/11/2024

1. Write a program that implements the page-replacement algorithms. Consider the following points:
 - Write a menu driven program for use to opt from FIFO, OPT, LRU, and second chance algorithm.
 - You need to generate the reference string randomly each time and provide a comparative study of the above algorithms.
 - For LRU algorithm, you need to implement it using stacks and clocks both.
 - For second chance algorithms, generate the string of modify bit for corresponding pages.
 - Pass the page frames as command line arguments.

Best wishes