

Week – 5

Exercise 20

Write a C program that displays the real time of a day every 60 seconds.

Exercise 21

Write a C program that illustrates for file locking using semaphores.

Exercise 22

Write a C program that implements a producer-consumer system with two processes (using semaphores).

Exercise 23

Write a C program that illustrates inter process communication using shared memory system calls.

Exercise 24

Write a C Program that illustrates the following:

- a) Creating message queue.
- b) Writing to a message queue.
- c) Reading from a message queue.