System Call for Semaphore (Example:Reader- Writer Problem)

System Call for Semaphore- Chain Smoker Problem

Ice Cream Factory Problem (System call)

Dinning Philosophers Problem (System Call)

Spin Lock ( System Call)

Hypervisor Comparison Type I and Type II

Real Tme Scheduling on RaspberryPi

Embedded System Call for Shared Memory

Cache Cleaner (No scripting)

SRTF on Raspberrypi

Voice controlled Shell

Modification of System Call - Open() and Close()

Construct page table with address translation mechanism

Preemptive Scheduler

Unix File System

A\* Search Algorithm with Threads

Comparison between Process And Threads

(Ex. merge, quicksort with process and threads, any five algorithms)

Process Communication via Different Mechanisms

2-way Message Passing using Pipes

(four problems Ex: fourier series, matrix multiplication)

Performance Comparison for IPC using filing, pipes,signals & semaphore

(3 problems with 2 methods)

Parallel Programming - Comparison of sorting Algorithms using

Pthreads vs. OpenMP vs. serial, (3 algorithms)

Unix Shell

Light Weight Virtual Machine

Android Emulator

Real Tme Scheduling UNix

Implementing Shared FIles between two processes

Virtual File System

Page replacement algorithm

Comparison between Process And Threads in IOS

(Ex. merge, quicksort with process and threads, any five algorithms)

Process scheduling Simulator

Comparisons of IPC mechanisms of IOS processes

Shell script for any sensor using RaspberryPi