**Write C Program to implement Lexical Analyzer for simple arithmetic operation which creates output tables - a. Identifier Table b. Literal Table c. Symbol Table**

**Design of PASS I of two pass assembler for pseudo machine code.**

**Design of a MACRO PASS-I ( to print MNT and MDT )**

**Implement Job scheduling algorithms : First Come First Serve**

**Implement Job scheduling algorithms : Shortest Job First**

**Implement Bankers Algorithm for deadlock detection and avoidance**

**Implementation of page replacement algorithm: FIFO**

**Write an shell scripting on UNIX / LINUX**

**Write a System calls to list files, directories**

**Write a System call to handle process**