

SPOS Lab Manual Index

Sr. No.	Assignment Name	Start Date	End Date
1	a. Design suitable data structures and implement pass-I of a two-pass assembler for pseudo-machine in Java using object oriented feature. Implementation should consist of a few instructions from each category and few assembler directives.		
	b. Implement Pass-II of two pass assembler for pseudo-machine in Java using object oriented features. The output of assignment-1(a) (intermediate file and symbol table) should be input for this assignment.		
2.	a. Problem Statement: Design suitable data structures and implement pass-I of a two-pass macro-processor using OOP features in Java.		
	b. Write a Java program for pass-II of a two-pass macro-processor. The output of assignment-(2a) (MNT, MDT and file without any macro definitions) should be input for this assignment.		
3.	Write a program to simulate CPU Scheduling Algorithms: FCFS, SJF (Preemptive), Priority (Non-Preemptive) and Round Robin (Preemptive)		
4	Write a program to simulate Page replacement algorithm.		