



This is a second-year students' laboratory, it represents the practical side of the theoretical study of Operating Systems. which is given to both two branches (Information Engineering, Network Engineering) during two semesters.

LABORATORY OBJECTIVES.

1. Help the student understand the structure and basic functions of the Stack, Queue, Priority Queue and its purpose.
2. Help the student understand the various scheduling algorithms:
 - a. First Come First Serve
 - b. Shortest Job First
 - c. Preemptive Shortest Job First
 - d. Round Robin
 - e. Priority Based (Non-Preemptive)

And compare them using the C ++ programming language.