

## PREFACE

This lab manual has been prepared to facilitate the students of computer science in studying, analyzing and simulating various functions of operating system concepts. The students will have to work with CLI and GUI of various OS, study how to monitor OS, create process and simulate several algorithms using high level/visual programming language. The lab sessions are designed to improve the abilities of the students by giving hands on experience. After completing the laboratory exercises, the students will be familiar with the practical aspects of the various concepts explained in the course, as well as with a simple OS development.

## PREPARED BY

Lab manual is prepared by Mr. Shahid Abid under the supervision of the Director BIIT, Dr. Jamil Sawar.

## GENERAL INSTRUCTIONS

- a. Students are required to maintain the lab manual with them till the end of the semester.
- b. All readings, answers to questions and illustrations must be solved on the place provided. If more space is required then additional sheets may be attached. You may add screen shots to the report by using the "Print Screen" command on your keyboard to get a snapshot of the output.
- c. It is the responsibility of the student to have the lab manual graded as soon as he/she has completed a task.
- d. Loss of manual will result in resubmission of the complete manual.
- e. Students are required to go through the experiment before attending a lab session.
- f. Students must bring the manual during lab session.
- g. Keep the manual neat, clean and presentable.
- h. Plagiarism is strictly forbidden. No credit will be given if a lab session is plagiarised and no resubmission will be entertained.
- i. Marks will be deducted for late submission.
- j. You need to submit the report even if you have demonstrated the exercises to the lab instructor or shown them the lab report during the lab session.

## VERSION HISTORY

Date	Updated by	Details
September 2019	Mr. Shahid Abid	Version 1.0. Initial draft prepared and experiments outlined.

# System Programming And Operating System Lab Manual

**RS Peters**

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