

Dear Students, Welcome to Object Oriented Programming in C++ Lab. For the practical works, you have to complete twelve lab activities throughout the course. This lab manual will guide you to prepare for programming and submission of lab reports. Further, it helps you to understand practically about the knowledge of object oriented programming. You can use this lab guide as the base reference during your lab. You have to submit lab report of previous lab into corresponding next lab during when your instructor shall take necessary VIVA for your each lab works.

This Lab Manual is prepared to help the students with their practical understanding and development of programming skills, and may be used as a base reference during the lab/practical classes. Students have to submit Lab Exercise report of previous lab into corresponding next lab, and can be collected back after the Lab instructor/Course Instructor after it has been checked and signed. At the end of the semester, students should compile all the Lab Exercise reports into a single report and submit during the end semester sessional examination.

Your lab report to be submitted should include at least the following topics:

1. Cover page (to be attached with every Lab Exercise)
2. Index (to be used while compiling all the Lab Exercise reports into single report)
3. Lab title
4. Objective(s)
5. Theory
6. Title of Program
7. source code
8. Output (Compilation, debugging & testing)
9. Discussion & Conclusion.

On each lab, you have to submit the report as mentioned above however for additional lab exercises; you have to show the coding and output to your instructor.

Note: The lab exercises shall not be completed on a single specific lab. Students are encouraged to complete the programming questions given in the Exercise prior to come to the lab hour and do the lab for the given title/objectives.