# PROGRAM EXECUTION

## ASSIGNMENTS

1. What is program execution?
2. What is the basic flow of execution of a program?
3. Differentiate linker and loader part of the compiler
4. How do you think that operating system works as a resource manager?
5. Differentiate compiler and interpreter
6. What are the steps of program compilation of a compiler
7. What are the phases of compilation move of a program execution?
8. What are the major operating system functions?
9. What are the major activities of an operating system in respect of program management?
10. Describe the process state diagram?
11. Write short notes on the basic structure of any process control block.
12. What is the role of process control block in any operating system?
13. Does all operating system uses the same structure of a process control block?
14. What is process scheduling?
15. What are the main categories of process scheduling?
16. Is there any relation between process and a program?
17. How does an operating system manages all running processes
18. What are the steps involved to execute a program at lowest level/system programming?