

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. Differentiate source code and object code
17. Is there any relation between process and a program?
18. Write short notes on following
 - a. Source code
 - b. Machine code
 - c. Object code
 - d. Executable module
 - e. Symbol table
 - f. Syntax tree
19. How does an operating system manages all running processes
20. What are the steps involved to execute a program at lowest level/system programming?