Explain the following commands

* 1. ls (atleast one option)
  2. DU
  3. Date
  4. CHMOD
  5. Write the procedure to delete the directory . Explain with an example
  6. ps
  7. df
  8. pwd
  9. who
  10. What is the difference between cp and mv command .
  11. What is the command used to see the content of a given file
  12. DU.

1. Write a C program to simulate the INDEXED file allocation
2. Implement data link layer framing method using character stuffing and bit stuffing.
3. Write a C program to simulate the FCFS scheduling algorithm.
4. Write a C program to simulate the PAGING memory management algorithm.
5. Implement CRC on a data set of characters using CRC-12/CRC-16 polynomial.
6. Write a C program to simulate the SJF scheduling algorithm.
7. Write a C program to simulate the SQUENTIAL file allocation .
8. Write a C program to simulate the RR scheduling algorithm.
9. Write a C program to simulate the LRU page replacement technique.
10. Implement sliding window protocol.
11. Write a shell script to find factorial of a given integer.
12. Write a C program to simulate the LINKED file allocation .
13. Write a C program to simulate the OPTIMAL page replacement technique.
14. Implement Dijkstra’s shortest path algorithm through a graph.
15. Write a C program to simulate the PRIORITY scheduling algorithm.
16. Obtain broadcast tree for given subnet of hosts.
17. Write c program to simulate LRU page replacement technique.
18. Implement stop and wait protocol