Case study-1

Problem statement

ABC corporation is the company, they are dealing with the IT Business Please help ABC corporation developers for the below problem statements (Attach necessary screen shots).

1. Run Linux commands of ls, ls -al, ls -lrt, mkdir, touch, chmod, cat and explain with the screenshot
2. Explain OSI Model and Functionality of each layer
3. Explain Examples for SAAS model and Applications of cloud
4. Explain various cloud deployment models
5. Explain cloud security and Explain with the block diagram how virtualization happens
6. Explain what is DNS, IP, Subnetting
7. Explain various datatypes of python with an example
8. Write a python program for a Simple Calculator and explain with the logic
9. Write a python program for to find out Even and ODD number
10. Explain the difference between Python List and Tuple
11. Explain the difference between Authorization and Authentication
12. Explain various features of Linux
13. Explain Python Dictionary and sets with an example program