Module 3 - Quiz

1. The Unix operating system was created more than 30 years ago by?
    a. **A group of researchers at AT&T's Bell Laboratories**
    b. A group of researchers at AT&T's Dell Laboratories
    c. Linus Torvalds
    d. Bell Labs and Verizon

2. What are the different way to access Linux?
    a. Console
    b. Putty or terminal Client
    c. SSH from one command line machine to another
    d. **All of the above**

3. What should be avoided in Linux file system?
    a. Do not use letter
    b. Do not use case-sensitive letters
    c. **Do not use spaces**
    d. None of the above

4. What is the command to change password for a regular user by root?
    a. **passwd username**
    b. passwd
    c. password
    d. Passwd

5. Which of the following is Linux file system type?
    a. xfs
    b. ext2
    c. ext3
    d. **All of the above**

6. What is /root directory is used for?
    a. It is used for all users home directory
    b. It is used for temporary space
    c. It is used for system logs
    d. **None of the above**

7. Which command is used to list files?
    a. pwd
    b. **ls**
    c. LS
    d. list

8. What is absolute path?
    a. **An absolute path always begins with a "/". This indicates that the path starts at the root directory**

    b. An absolute path always begins with a "/root". This indicates that the path starts at the root directory

    c. An absolute path does not begin with a "/". It identifies a location relative to your current position

    d. All of the above

9. Which command can be used to create a file?

    a. touch

    b. cp

    c. vi

    d. All of the above

10. How many new directories will be created after running the following command?
mkdir {a..c}{1..3}

    a. 0

    b. 2

    c. 3

    d. **9**

11. What is the difference between soft and hard link?

    a. Soft link is created on a directory where hard link is created on file

    b. In soft link if source file is deleted then the link is is broken but in hard link deleting a source file will not impact the linked file

    c. In hard link if source file is deleted then the link is is broken but in soft link deleting a source file will not impact the linked file

    d. Soft link is created when original source file exist where hard link does not require any source file