Module 6 - Quiz

1. What is kernel?
   a. **It is an interpreter between hardware and shell**
   b. It is an interpreter between hardware and users
   c. It is an interpreter between shell and applications
   d. It is an interpreter between users and network
2. What is a Shell?
   a. A shell is a GUI for users
   b. A shell provides environment for users to execute commands and talk to kernel
   c. Shell is a command line for users
   d. **All of the above**
3. What is the first line in a shell script?
   a. # comments
   b. Commands
   c. **#!/bin/bash**
   d. None of the above
4. Why do we need shell scripting?
   a. **To automate tasks**
   b. To talk to operating system
   c. To run history command
   d. To view system code
5. How to write a shell script to output a sentence "my first script"?
   a. #!/bin/bash
      cat my first script
   b. !/bin/bash
      read my first script
   c. **#!/bin/bash**
      echo "my first script"
   d. #!/bin/bash
      echo > my first script
6. What is the difference between if-then statment and case statement?
   a. **if-then looks for a matching criteria and case gives you the list of options to pick from**
   b. if-then looks for a error messages and case gives you the list of options to pick from
   c. case statement can provide interactive mode where if-then look for list of directories
   d. All of the above
7. How to define an alias as c for cat command?
   a. **alias c=cat**
   b. alias c -eq cat

    c.   set alias c=cat

    d.   aliases c=cat

8. How to run a previous command from history listing?

    a.   #nn

        where nn=the number of the command

    b.   run nn

        where nn=the number of the command

    c.   !nn

        where nn=the number of the command

    d.   go nn

        where nn=the number of the command

9. How to set an alias as "rl" that will read /var/log/messages

    a.   alias "cat /var/log/messages"=rl

    b.   alias rl="cat /var/log/messages"

    c.   set alias rl="cat /var/log/messages"

    d.   alias set rl="cat /var/log/messages"

10. Case statement scripts are mostly used for?

    a.   To allow or select from multiple options

    b.   To allow multiple users to run the script

    c.   To allow two specific options

11. What is the purpose of history command?

    a.   history command is used to view the login history of users

    b.   history command is used to view the previously opened by files by users

    c.   history command is used to view the previously executed commands

    d.   history command is used to view the system boot activity