

Name:

IT 231-376 fall 18 Test #1 (Module 1) September 24th 2018

Use your Test-VM, you can use one sheet of paper. Time 30-60 min max

Q1. Display the value of the environmental variable which determines which directories will be searched for commands executed from the command line. Take a screenshot of the output using file name Q1.

Q2. Create a permanent environmental variable (use initialization file) called Name with a value of your name "First Last". Log out and login again, or use the source command, and display the value of the variable. Take a screenshot of the output using file name Q2. Show in which script you created the variable using file name Q2A.

Q3. Use a for statement to display the months of the year days January through December, use a variable called month. Put the for statement in a script called P3.sh, make the script executable and run the script. Take a screenshot of the script content using file name Q3, and the output of the script using file name Q3A.

Q4. Create a database called University, then create a table called Staff with two fields: Name and Age. Fill the table with the following data:

'John Lee', 37

'Jim George', 47

'Jerry Gordon', 60

Display the content of the table using the select statement save the output in a file call it Q4.

Display the Name and Age of those who are 45 or older, save the output in a file call it Q4A.

Note: You need to install mariadb-server and mariadb, then you need to start mariadb service.

Upload your Q's (Q1, Q2, Q2A, Q3, Q3A, Q4, Q4A) no later than 12:50 to the skill assessment 1. Seven Q 's each worth 100/7 points.