Bash Shell Scripting Lab 1

1) Write a command to display the environment.

2) Write a shell script that allows a user to enter any Internet domain name (host name such as www.cyberciti.biz). Your script should than print out the IP address of the Internet domain name.

3) Write a shell script that allows a user to enter any existing file name. The program should then copy file to /tmp directory. "first check for $filename and than copy it, else display an error message"

4) Write a shell script that allows a user to enter directory name. The program should then create directory name in /tmp directory. "Make sure dir does not exist, else display an error message"

5) Write a simple calculator program that allows user to enter two numeric values and operand as follows. The program should then print out the sum of two numbers. Make sure it works according to entered operand.

6) Write a shell script that allows a user to enter three file names. The program should then copy all files to your home directory.

7) Write a shell script that display one of ten unique fortune cookie message, at random each it is run.

8) Write a shell script that, given a filename as the argument will count vowels, blank spaces, characters, number of line and symbols.

9) Write a shell script that, given a filename as the argument will count English language articles such As 'A', 'An' and 'The'.

10) Write a shell script that, given a filename as the argument will write the even numbered line to a file with name evenfile and odd numbered lines in a text file called oddfile.

11) Write a shell script that will count the number of files in each of your sub-directories using the for loop.