

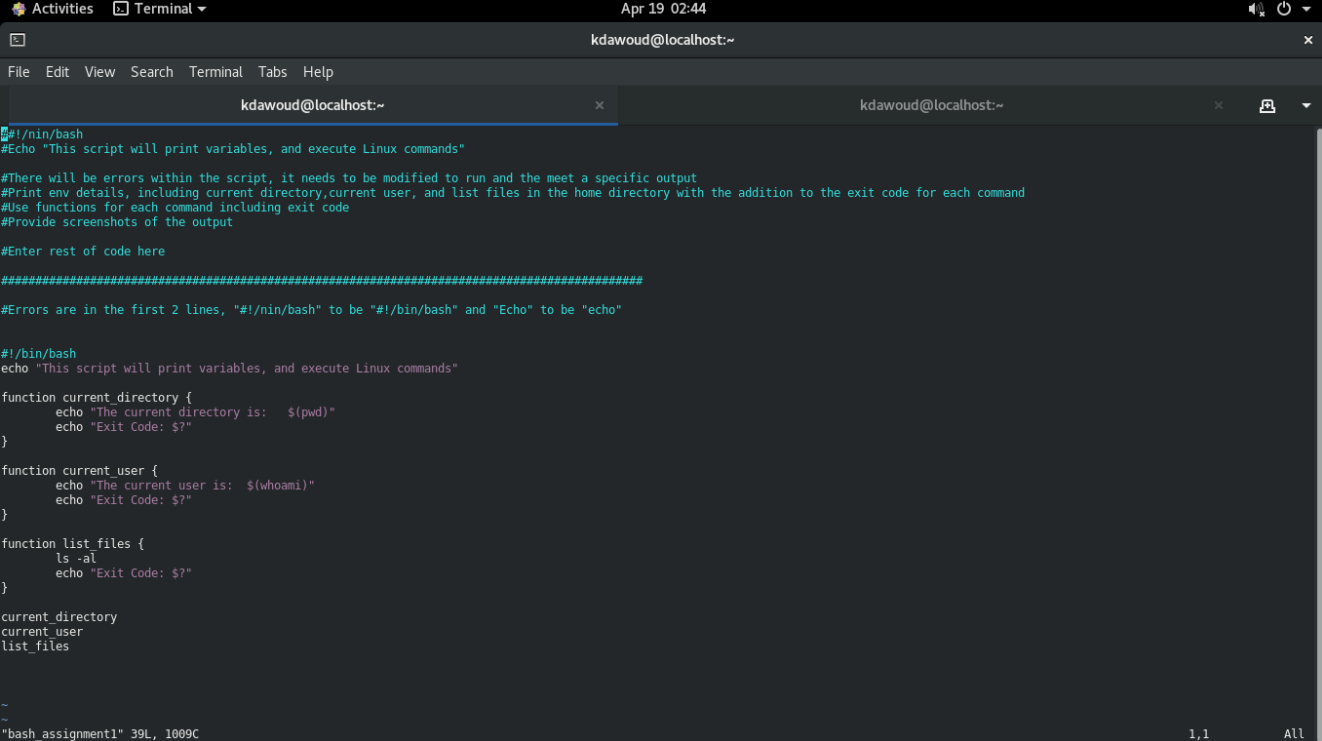
S_BS_01

Understanding Basic Bash Script Syntax

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LINUX – DEVOPS



S_BS_01 Understanding Basic Bash Script Syntax:



The screenshot shows a terminal window with a menu bar (File, Edit, View, Search, Terminal, Tabs, Help) and a title bar (Activities, Terminal, Apr 19 02:44). The terminal displays a Bash script named `bash_assignment1` with the following content:

```
#!/bin/bash
#Echo "This script will print variables, and execute Linux commands"

#There will be errors within the script, it needs to be modified to run and the meet a specific output
#Print env details, including current directory,current user, and list files in the home directory with the addition to the exit code for each command
#Use functions for each command including exit code
#Provide screenshots of the output

#Enter rest of code here

#####

#Errors are in the first 2 lines, "#!/nin/bash" to be "#!/bin/bash" and "Echo" to be "echo"

#!/bin/bash
echo "This script will print variables, and execute Linux commands"

function current_directory {
    echo "The current directory is: $(pwd)"
    echo "Exit Code: $?"
}

function current_user {
    echo "The current user is: $(whoami)"
    echo "Exit Code: $?"
}

function list_files {
    ls -al
    echo "Exit Code: $?"
}

current_directory
current_user
list_files
```

Below the script, the execution output is shown:

```
[kdawoud@localhost ~]$ vim bash_assignment1
[kdawoud@localhost ~]$ bash ./bash_assignment1
This script will print variables, and execute Linux commands
The current directory is: /home/kdawoud
Exit Code: 0
The current user is: kdawoud
Exit Code: 0
total 34852
drwx-----. 27 kdawoud kdawoud    4096 Apr 19 02:42 .
drwxr-xr-x. 18 root    root        4096 Apr 13 01:59 ..
-rw-rw-r--.  1 kdawoud kdawoud     1009 Apr 19 02:42 bash_assignment1
-rw-----.  1 kdawoud kdawoud    10566 Apr 13 01:37 .bash_history
-rw-r--r--.  1 kdawoud kdawoud      18 Apr  8 2022 .bash_logout
```