

SF DevOps Academy Homework - Exercise: Shell scripts

1. Write a shell script to get the current date, time, username and current working directory.

```
#!/bin/bash

# Get current date

getdate=$(date +%d/%m/%Y)
gettime=$(date +%T)

echo "The current date is " $getdate " and the time is" $gettime

# Get the current login user

echo "The current user that is logged in is:" $USER

#get current working directory

echo "The current working directory is:"
pwd
```

2. Write a shell script that prints "I love learning about DevOps" on the screen. Message should be a variable.

```
#!/bin/bash

message="I love learning about DevOps"
echo $message
```

3. Write a shell script that displays "plan code build test release deploy" on the screen with each appearing on a separate line.

```
#!/bin/bash
echo -e 'plan\ncode\nbuild\ntest\nrelease\ndeploy'
```

4. Write a shell script that prompts the user for a name of a file or directory and reports if it is a regular file, a directory, or another type of file. Also perform a ls command against the file or directory with the long listing option.

```
#!/bin/bash

#Get user input
echo "Hi, please type name"
read name

if [ -f $name ]
then
    echo $name "its a regular file";
    ls -l $name
elif [ -d $name ]
then
    echo $name "a is directory"
    ls -l $name
else
    echo $name "Another type of file"
    ls -l $name
fi
```

5. Use arguments in a script. Total number of arguments should be three.

```
#!/bin/bash

echo "HI, enter your name"
read name

echo "Enter your lastname"
read lastname

echo "City name"
read city

echo "Hi, my name is" $name $lastname "i live in " $city
```

6. Write a script that till output your name out of a variable and will display the server uptime

```
#!/bin/bash

echo "My name is" $USER
echo "Server its running for:" uptime
```