Exercise: Shell scripts
1. Write a shell script to get the current date, time, username and current working directory.
2. Write a shell script that prints "I love learning about DevOps" on the screen. Message should be a
variable.
3. Write a shell script that displays "plan code build test release deploy" on the screen with each
appearing on a separate line.
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.
5. Use arguments in a script. Total number of arguments should be three.
6. Write a script that till output your name out of a variable and will display the server uptime

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echo "Username: $user"
echo "Current Working Directory: $cwd"
kpacu@Krasi-HP:~$ ls
ball.txt  bash_scrpt_hmwrk1.sh  bash_scrpt_hmwrk4.sh  bash_scrpt_hmwrk4a.sh  bshscrpt1.sh  labs
kpacu@Krasi-HP:~$ ./bshscrpt.sh
-bash: ./bshscrpt.sh: No such file or directory
kpacu@Krasi-HP:~$ ./bshscrpt1.sh
Date and Time: 2023-03-16 15:47:25
Username: kpacu
Current Working Directory: /home/kpacu
kpacu@Krasi-HP:~$ nano bshscrpt2.sh
kpacu@Krasi-HP:~$ chmod +x bshscrpt2.sh
kpacu@Krasi-HP:~$ ./bshscrpt2.sh
I love learning about DevOps
kpacu@Krasi-HP:~$ nano bshscrpt3.sh
kpacu@Krasi-HP:~$ chmod +x bshscrpt3.sh
kpacu@Krasi-HP:~$ ./bshscrpt3.sh
plan
code
build
test
release
deploy
kpacu@Krasi-HP:~$ nano bshscrpt4.sh
kpacu@Krasi-HP:~$ chmod +x bshscrpt4.sh
kpacu@Krasi-HP:~$ ./bshscrpt4.sh
Enter the name of a file or directory: ball.txt
ball.txt is a regular file
-rw-r--r-- 1 kpacu kpacu 10 Mar  8 15:19 ball.txt
kpacu@Krasi-HP:~$ ./bshscrpt4.sh
Enter the name of a file or directory: home
File or directory does not exist
kpacu@Krasi-HP:~$ ./bshscrpt4.sh
Enter the name of a file or directory: labs
labs is a directory
total 4
-rw-r--r-- 1 testu kpacu   0 Mar 15 16:42 empty.txt
-rw-rw-r-- 1 kpacu group1 28 Mar 15 17:11 group1.txt
kpacu@Krasi-HP:~$ nano bshscrpt5.sh
kpacu@Krasi-HP:~$ chmod +x bshscrpt5.sh
kpacu@Krasi-HP:~$ ./bshscrpt5.sh
Usage: ./bshscrpt5.sh argument1 argument2 argument3
kpacu@Krasi-HP:~$ ./bshscrpt5.sh argument1 argument2 argument3 argument1 argument2 argument3
Usage: ./bshscrpt5.sh argument1 argument2 argument3
kpacu@Krasi-HP:~$ ./bshscrpt5.sh argument1 argument2 argument3 argument1 argument2 argument4
Usage: ./bshscrpt5.sh argument1 argument2 argument3
kpacu@Krasi-HP:~$ nano bshscrpt6.sh
kpacu@Krasi-HP:~$ chmod +x bshscrpt6.sh
kpacu@Krasi-HP:~$ ./bshscrpt6.sh
My name is John Doe
 16:13:49 up 23:49,  0 users,  load average: 0.00, 0.00, 0.00
kpacu@Krasi-HP:~$
```