# Day 4 Task: Basic Linux Shell Scripting for DevOps Engineers.

- Explain in your own words and examples, what is Shell Scripting for DevOps.

- What is `#!/bin/bash?` can we write `#!/bin/sh` as well?

- Write a Shell Script which prints `I will complete #90DaysOofDevOps challenge`

- Write a Shell Script to take user input, input from arguments and print the variables.

- Write an Example of If else in Shell Scripting by comparing 2 numbers

Shell scripts provide an easy way to carry out tedious commands, large or complicated sequences of commands, and routine tasks. As, a DevOps engineer our task is to automate things so that it is scalable with minimal error. Shell scripting is a simple way of communicating with the kernel using Linux commands. Once a shell script is written it can be used forever.

#!/bin/sh

a=0

while [ "$a" -lt 10 ] # this is loop1

do

b="$a"

while [ "$b" -ge 0 ] # this is loop2

do

echo -n "$b "

b=`expr $b - 1`

done

echo

a=`expr $a + 1`

done

#!bin/bash :It is known as shebang. It informs the terminal that when you run the script it should use bash to execute it.

It can be written as #!/bin/sh, it run the script on bash or Bourne-again Shell(bash)









