Day 4 Task:

Basic Linux Shell Scripting for DevOps Engineers.

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

  ➔Shell scripting allows you to write a series of commands in a script file, which can then be executed all at once, rather than having to manually enter each command one at a time. This can be very useful for automating various tasks, such as building and deploying software applications, configuring and managing servers, and more. DevOps professionals often use shell scripting to streamline and automate various tasks related to the development and operation of software applications.

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

  ➔ **#!/usr/bin/bash** First line of the script is the **shebang** which tells the system how to execute

  As you already figured, comments start with #. Shebang is also a comment. You can write **#!/bin/sh** as well.

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

  ➔ echo "I will complete #90DaysOofDevOps challenge" => **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

```bash
#!/bin/bash

echo "I will complete #90DaysOofDevOps challenge"
echo "Hey $1, welcome to My Script"
read -p "Enter Your Age : " name
if [ $name -ge 18 ]
then
        echo "Your are an Adult"
else
        echo "Your are minor"
fi

~
```

```
rishi@rishi-virtual-machine:~/Desktop$ vim day4.sh
rishi@rishi-virtual-machine:~/Desktop$ bash day4.sh rishi
I will complete #90DaysOofDevOps challenge
Hey rishi, welcome to My Script
Enter Your Age : 20
Your are an Adult
rishi@rishi-virtual-machine:~/Desktop$ bash day4.sh rishi
I will complete #90DaysOofDevOps challenge
Hey rishi, welcome to My Script
Enter Your Age : 15
Your are minor
rishi@rishi-virtual-machine:~/Desktop$
```