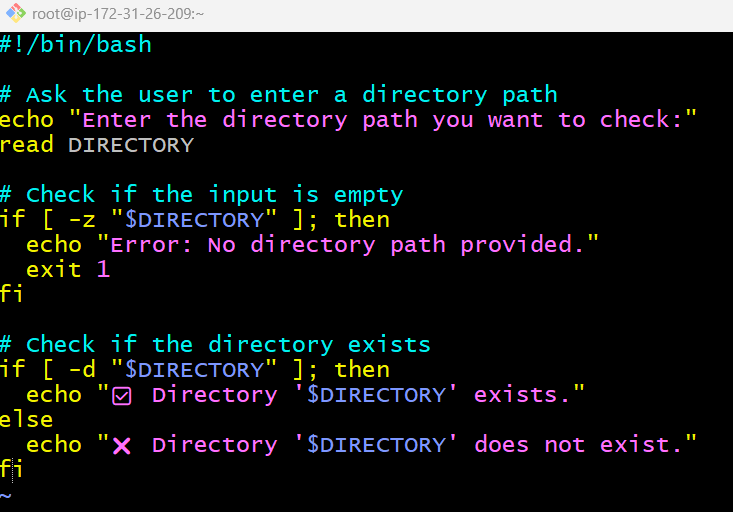
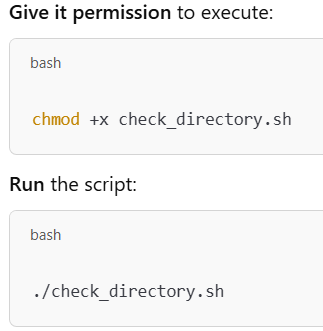
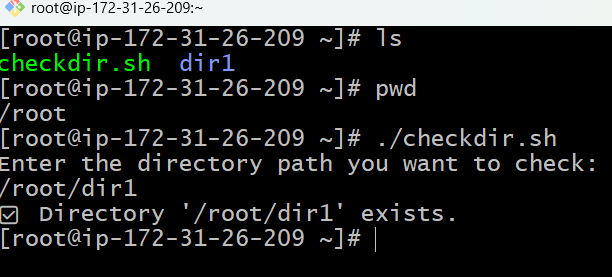
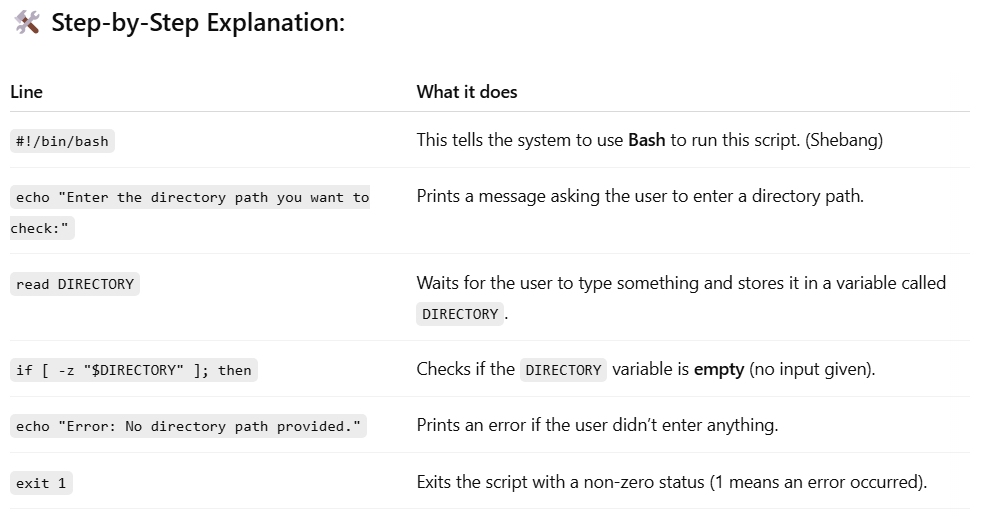
1) Create on Bash script to check if a directory is available or not.

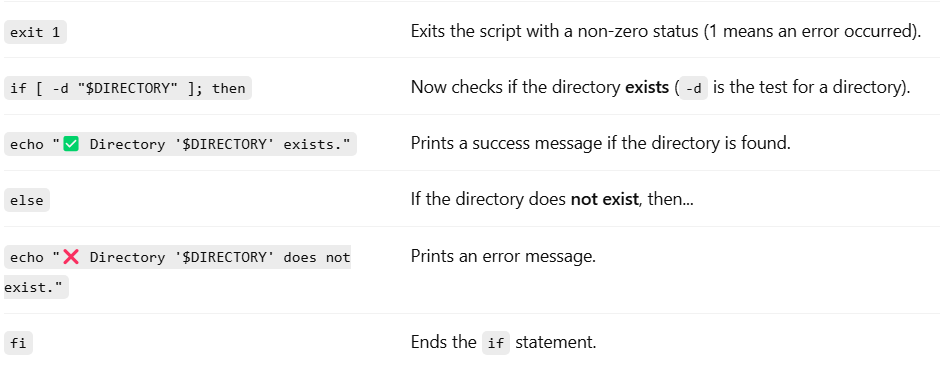
File name: checkdir.sh



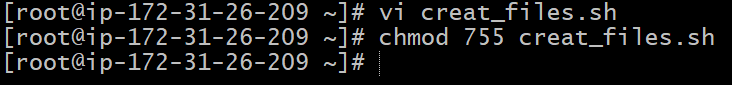


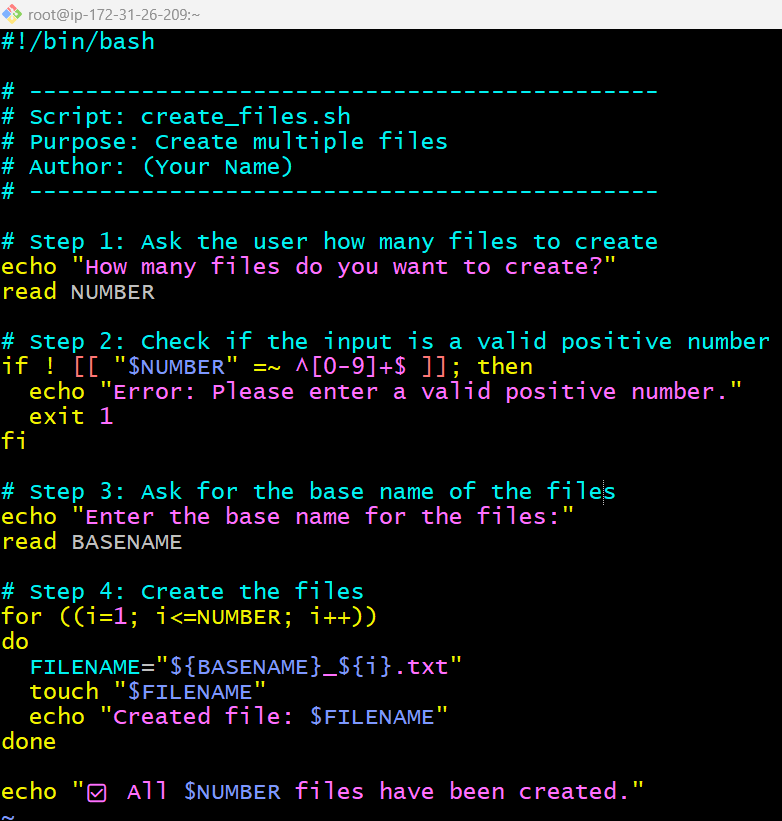






2) Create a bash script which will create multiple files

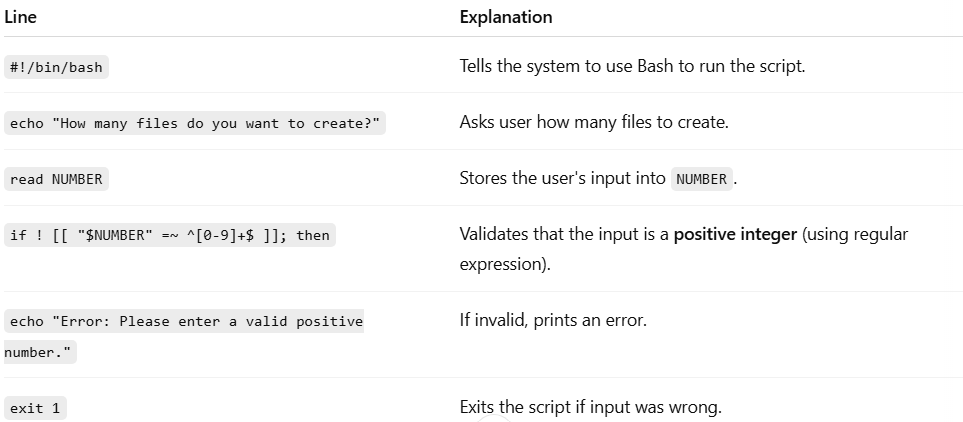


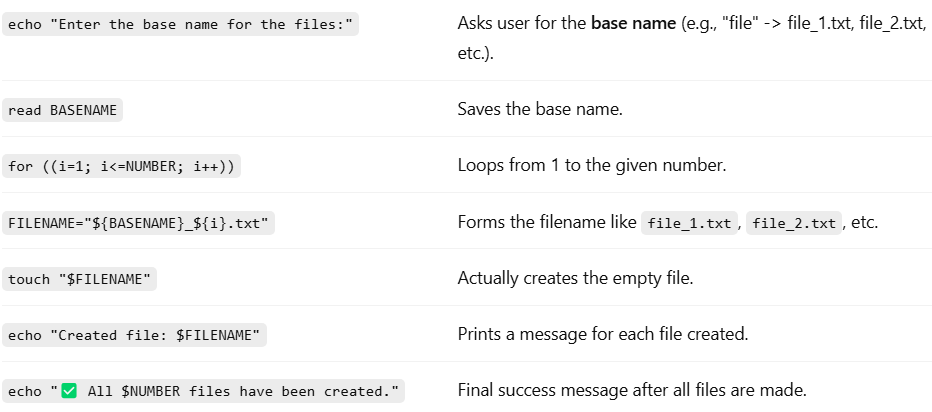


OutPut:



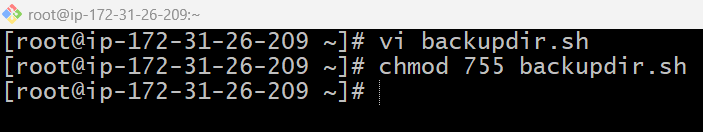
Explanation:

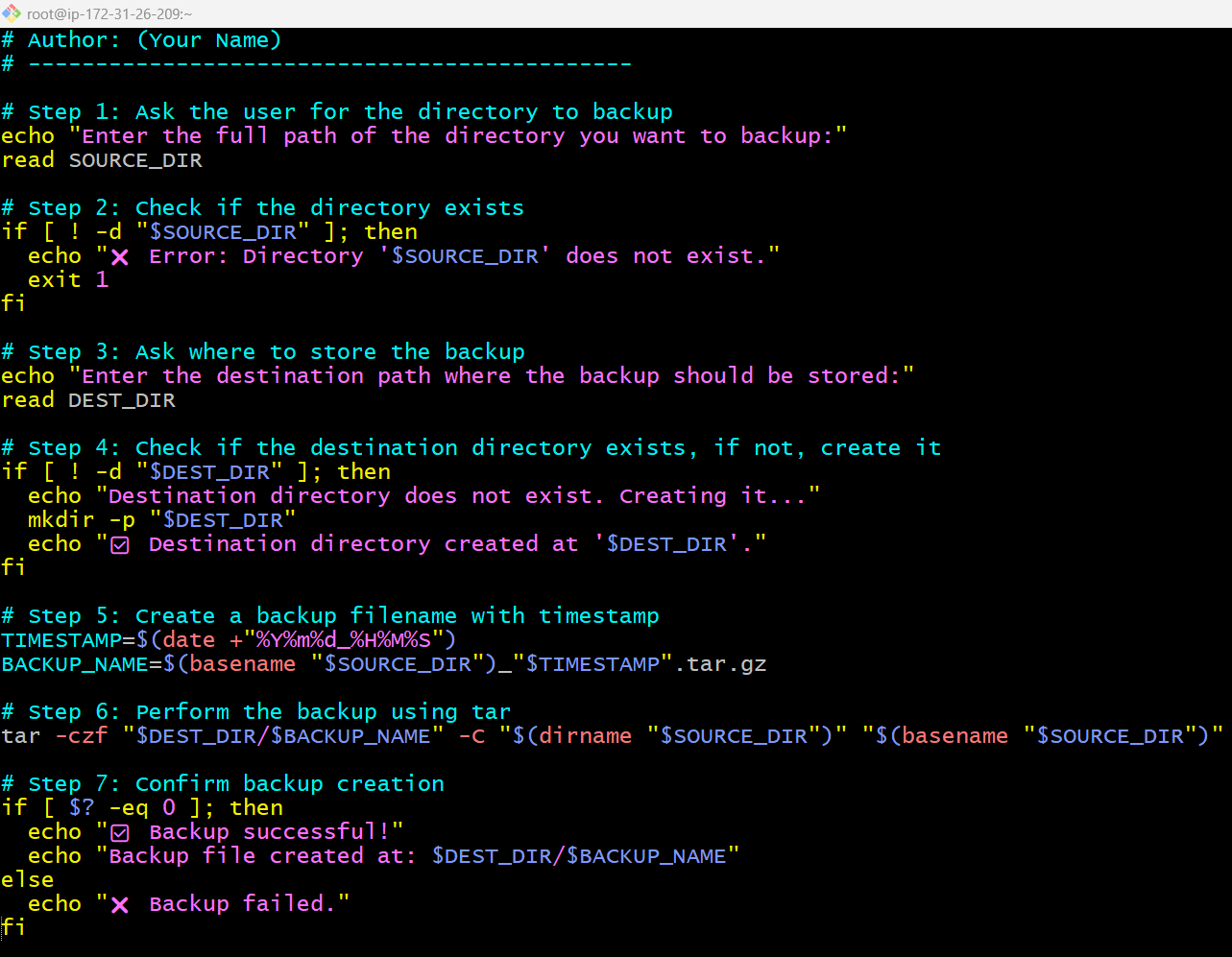




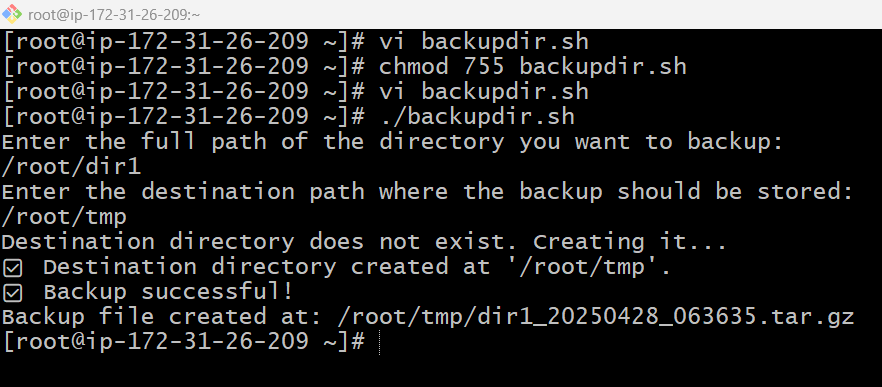
3) Create a bash script to take backup of a directory.

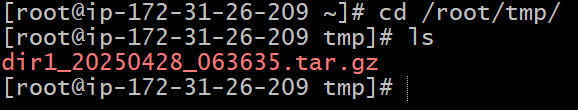
File Name: backupdir.sh



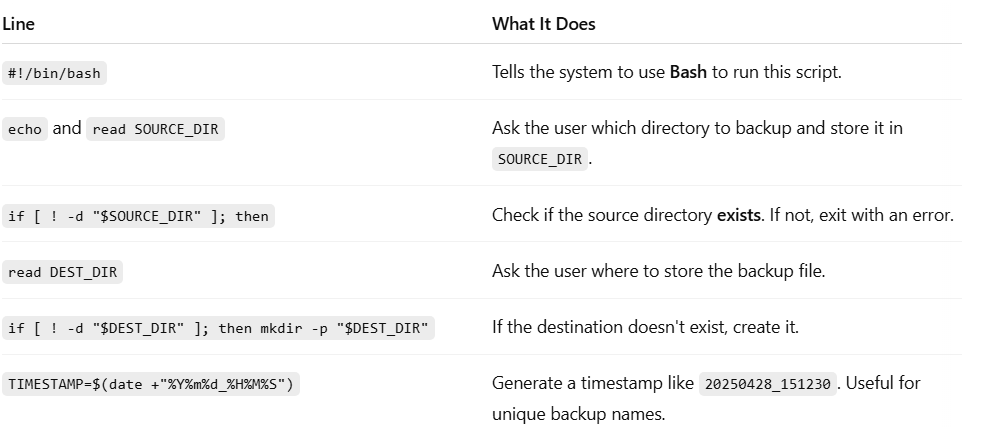


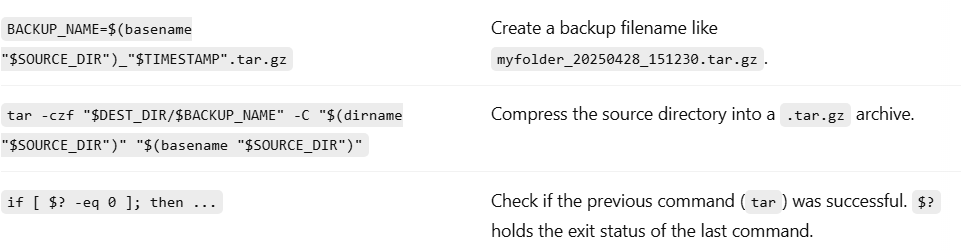
OutPut:





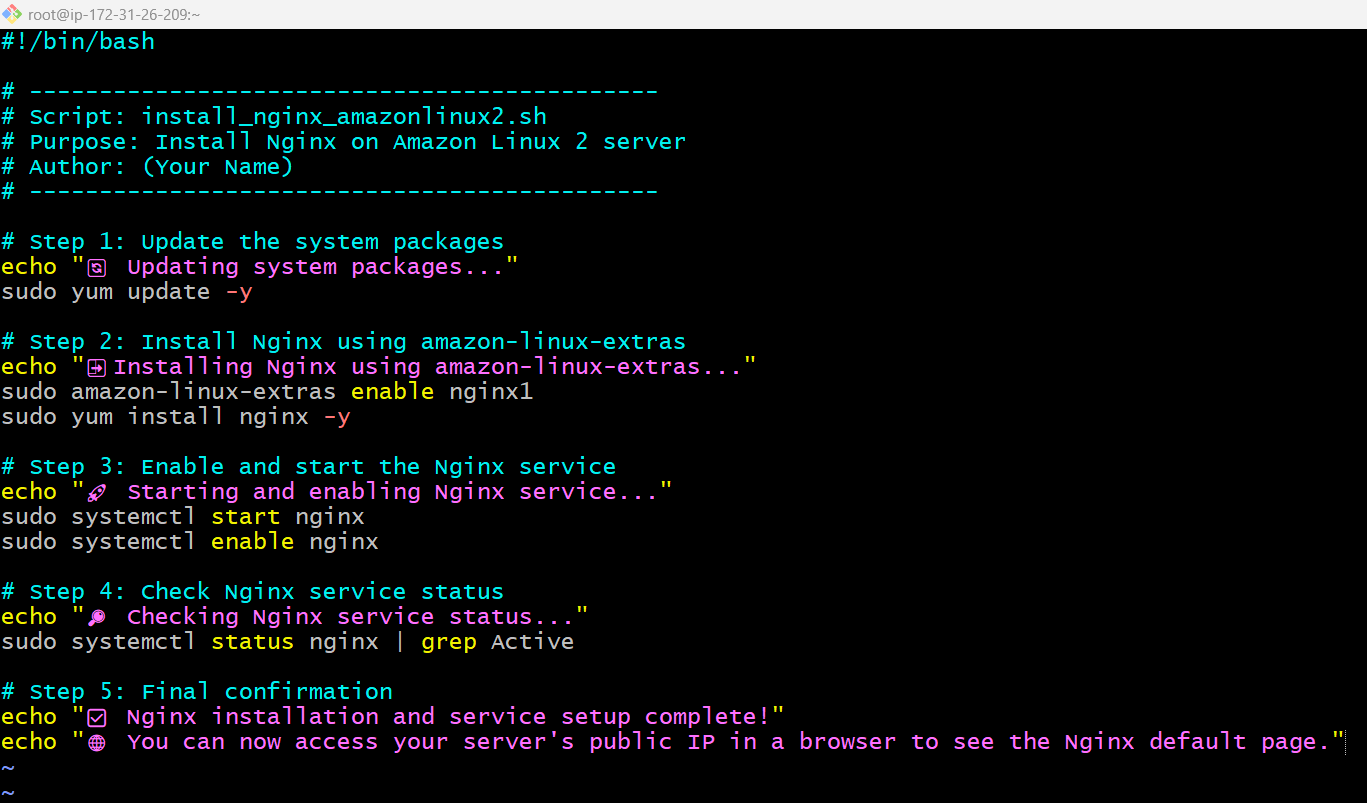
Explanation:

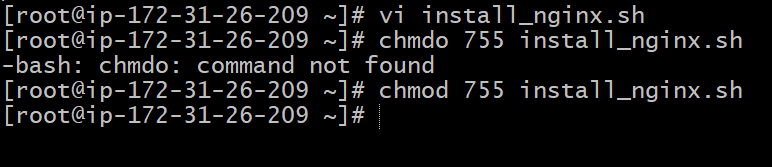




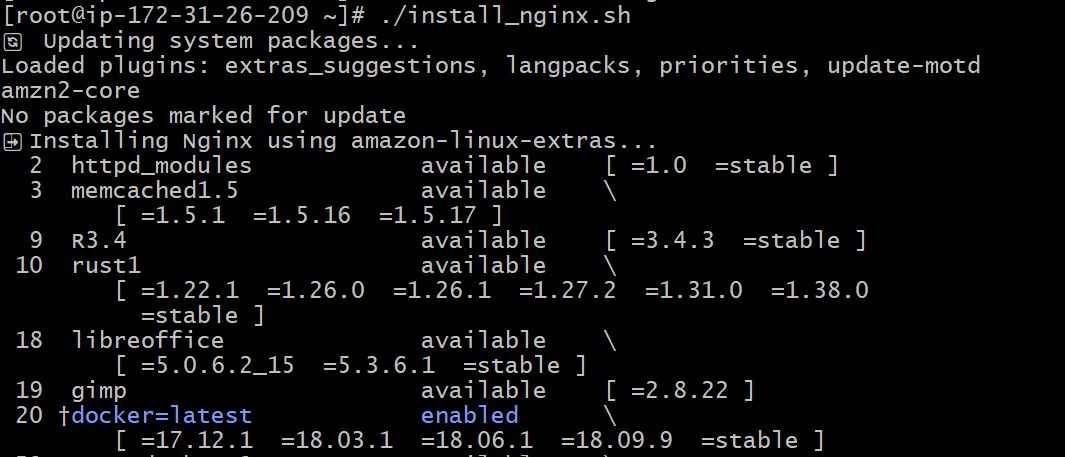
4) Create a bash script to install nginx in ec2 server.

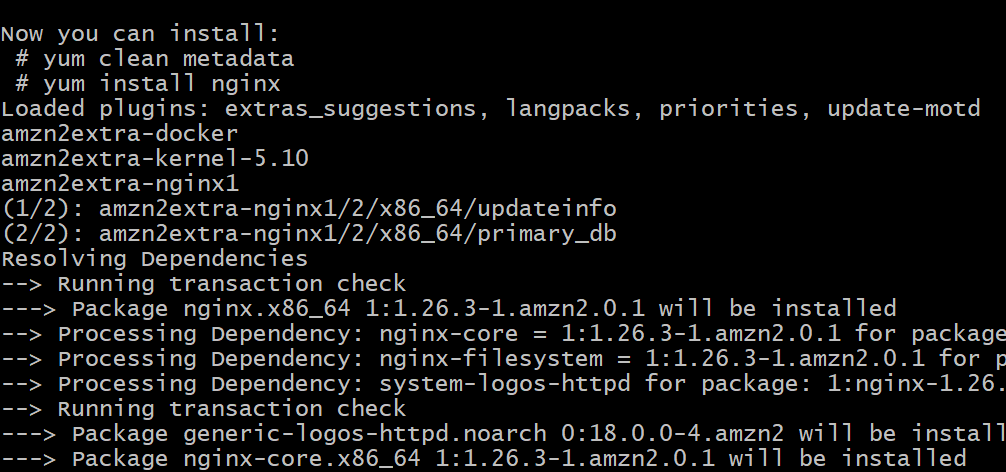
File name: install\_nginx.sh



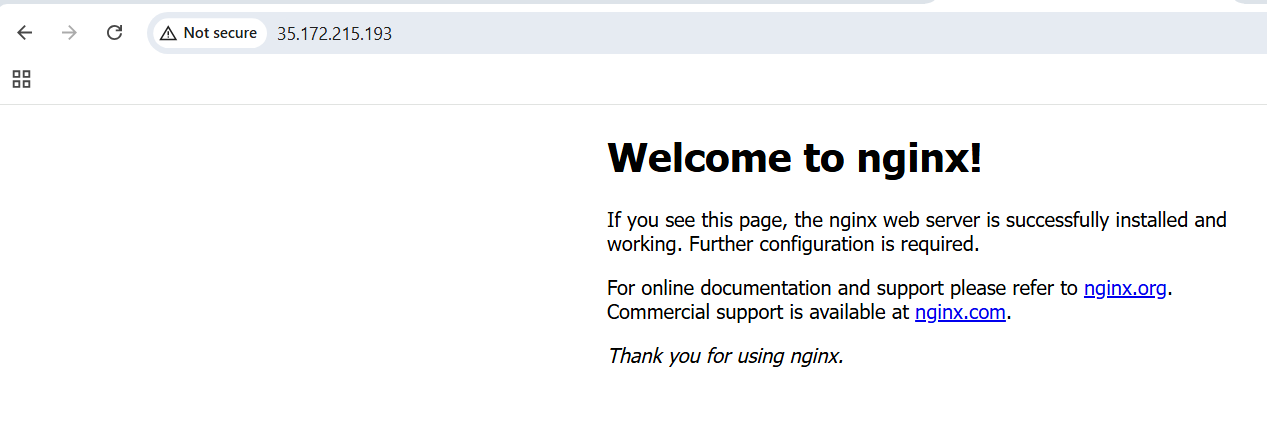


Output:

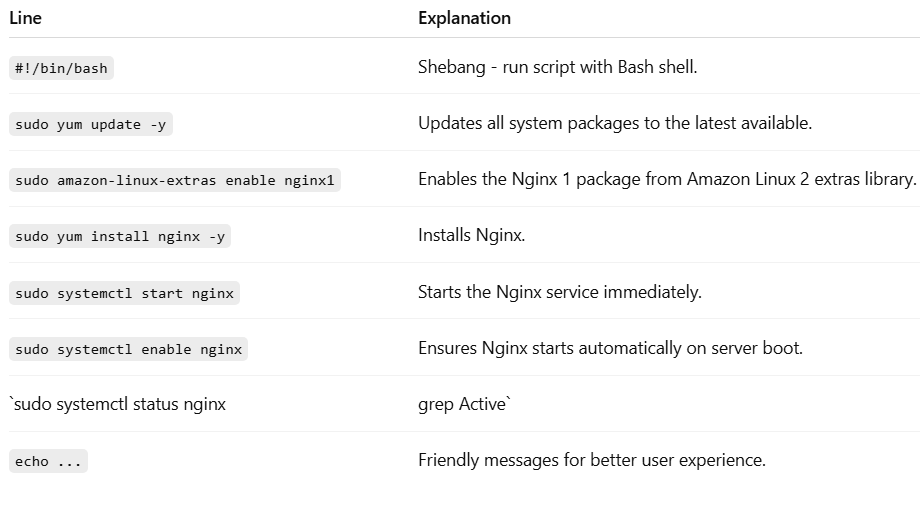






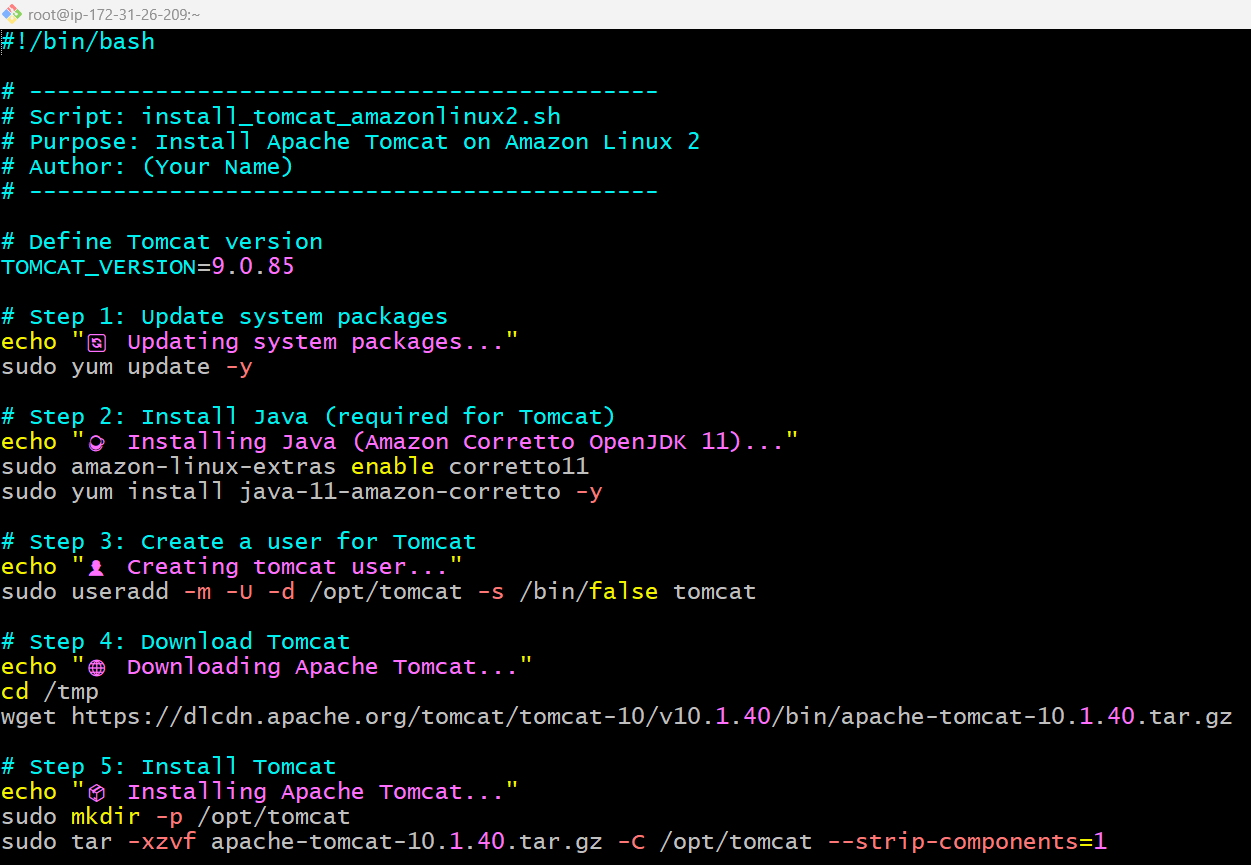


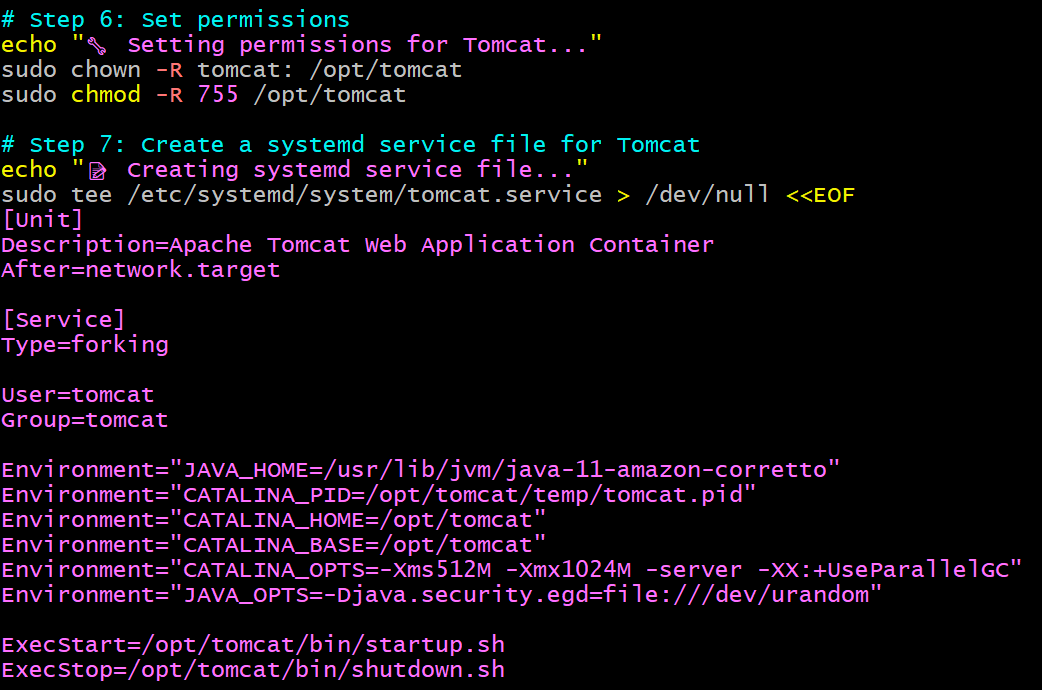
Explanation:

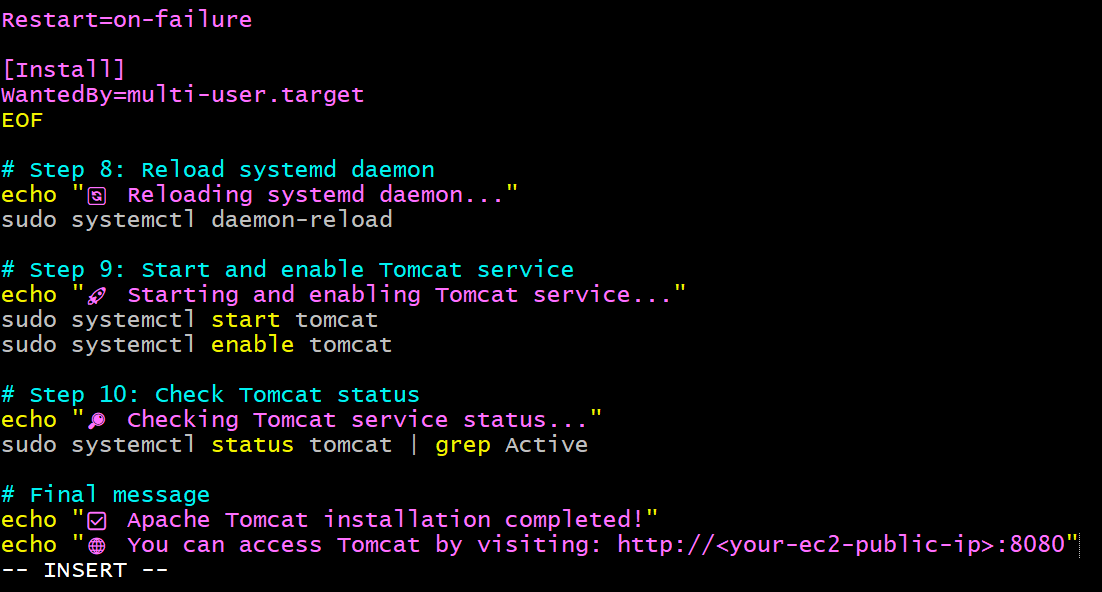


5) Create a bash script to install ApacheTomcat in ec2 server.

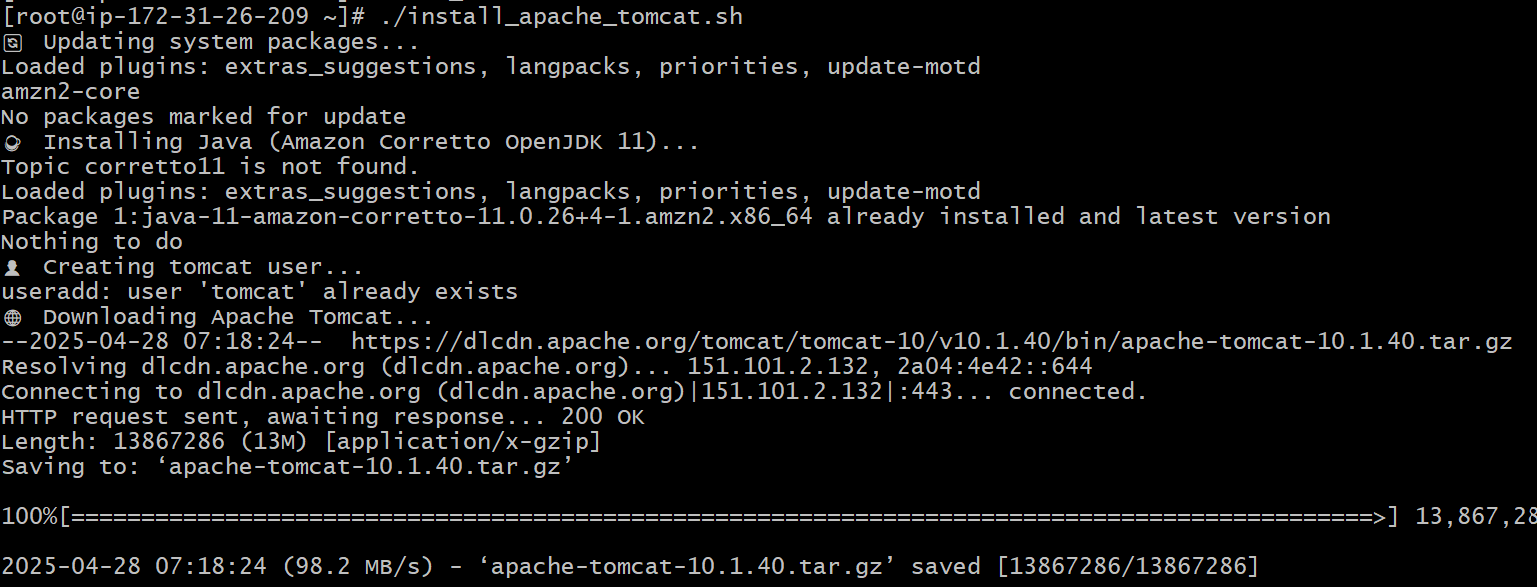
Filename: install\_apache\_tomcat.sh

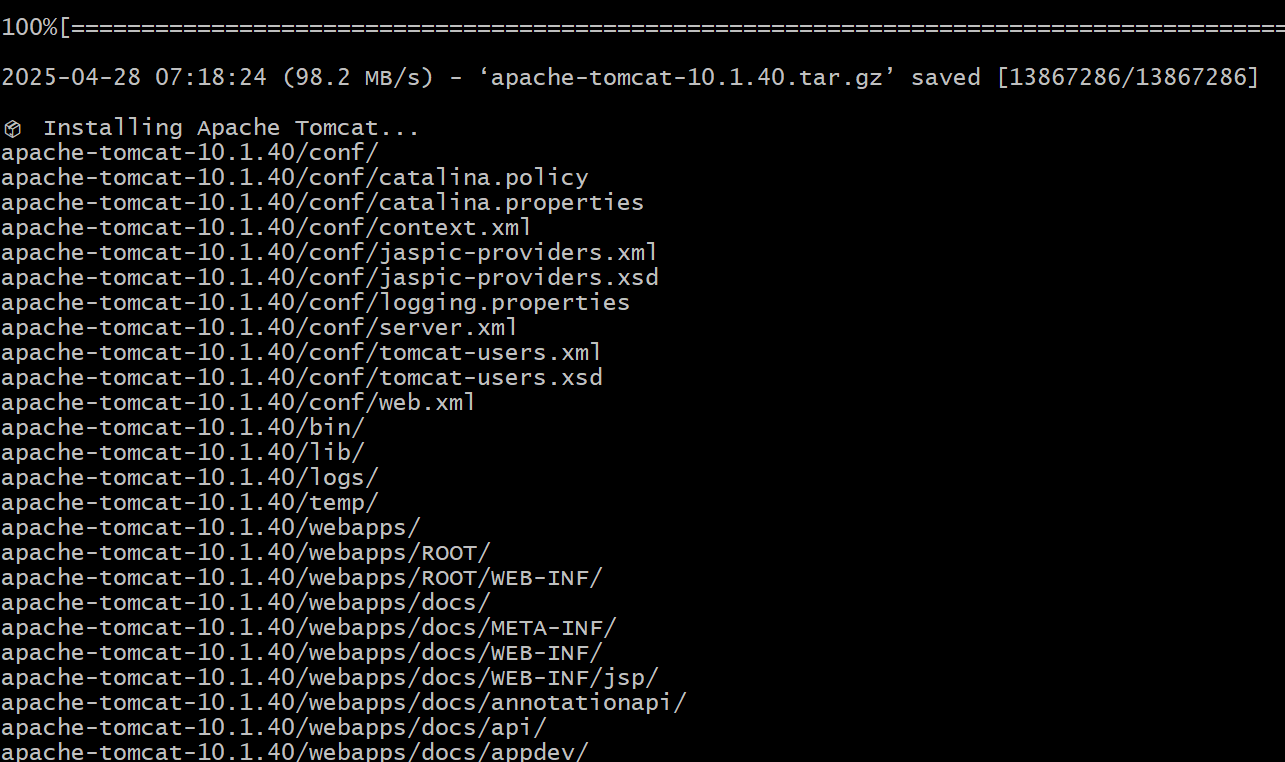


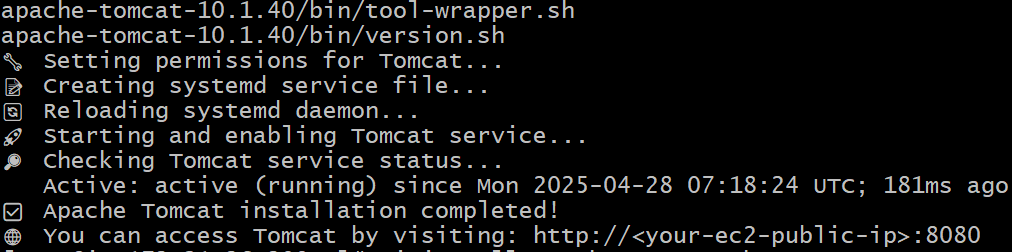


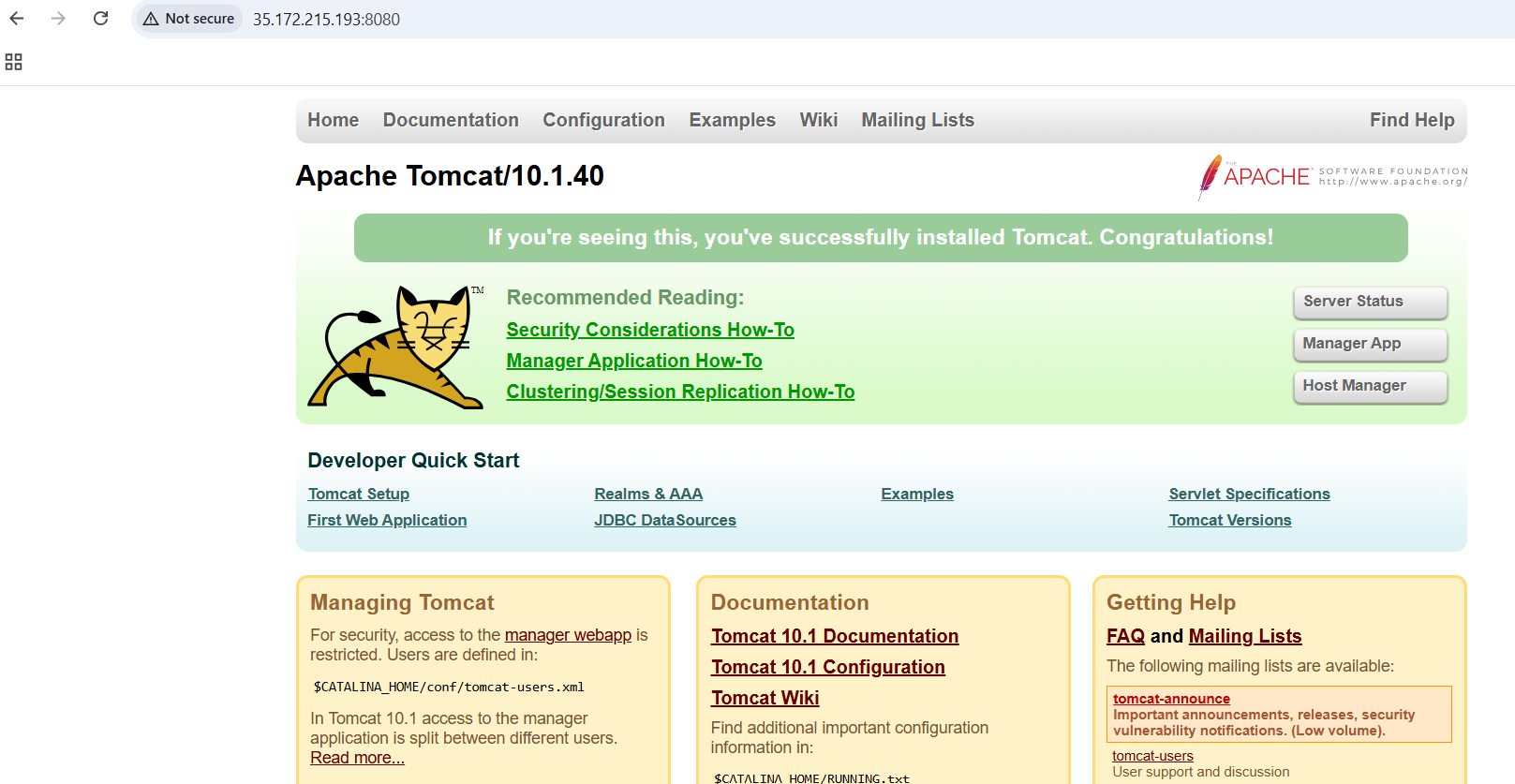


Output:

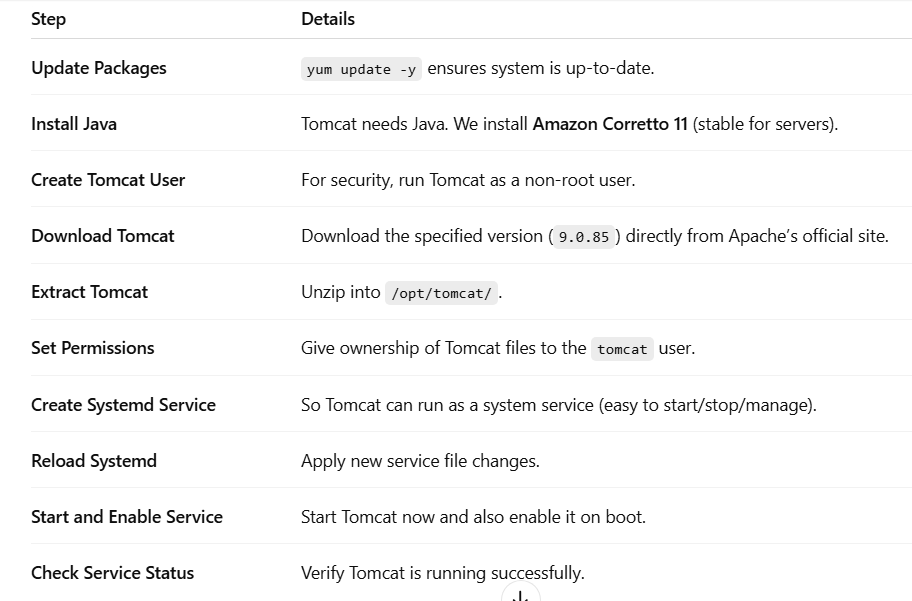






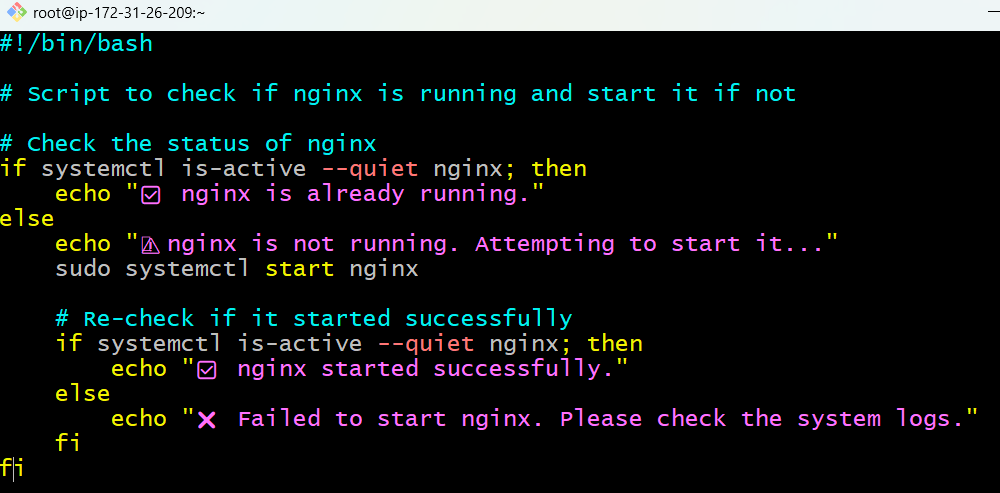


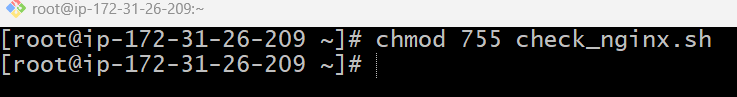
Step by Step execution process:

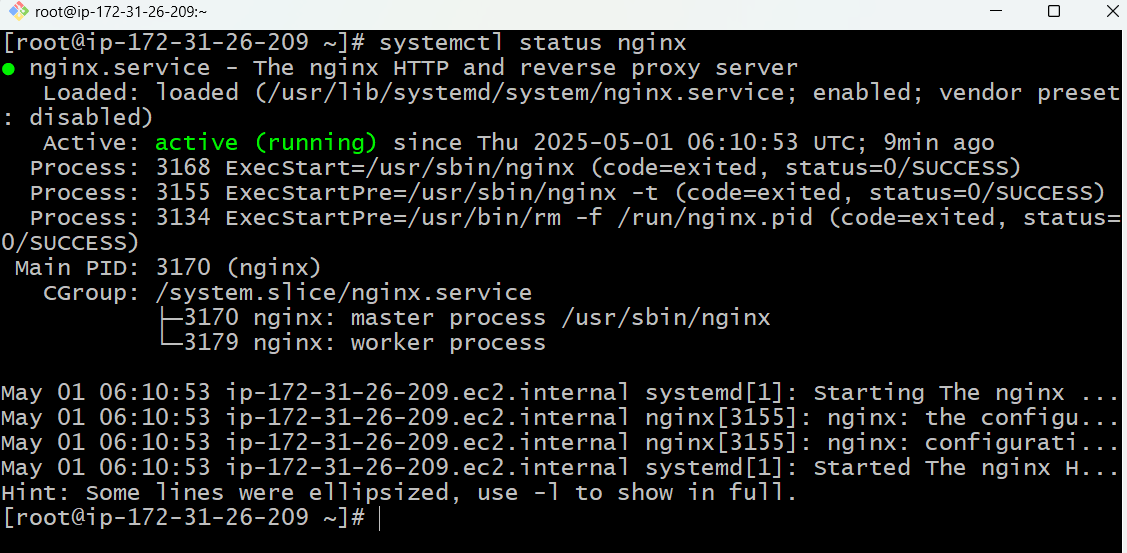


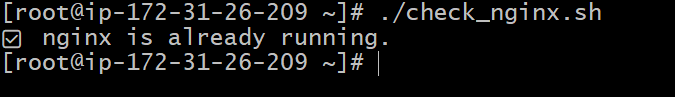
6) Create a bash script to check list if nginx service is running or not,if not running then script should start the service.

Logic: check\_nginx.sh

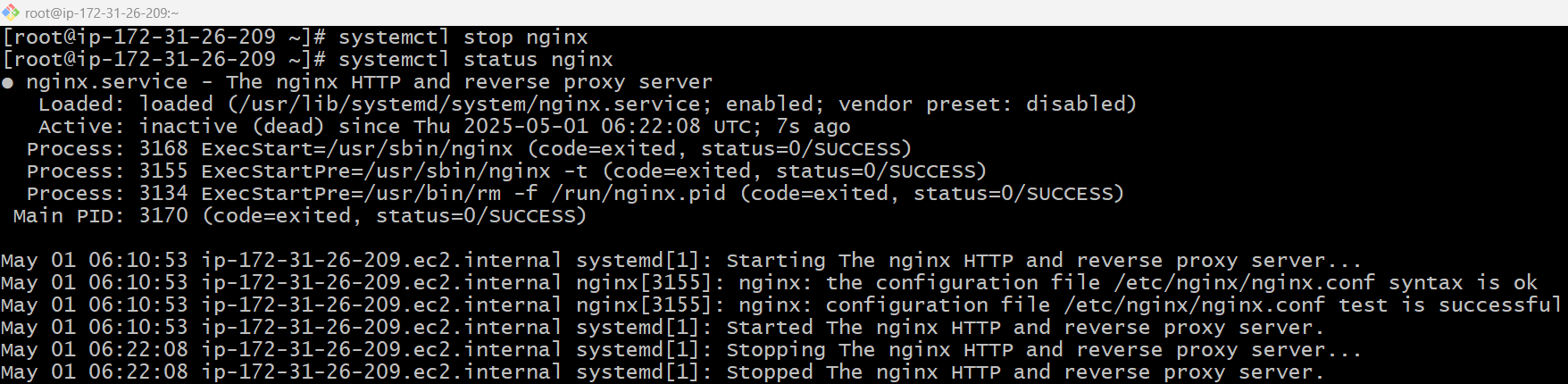


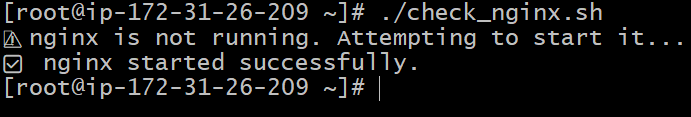


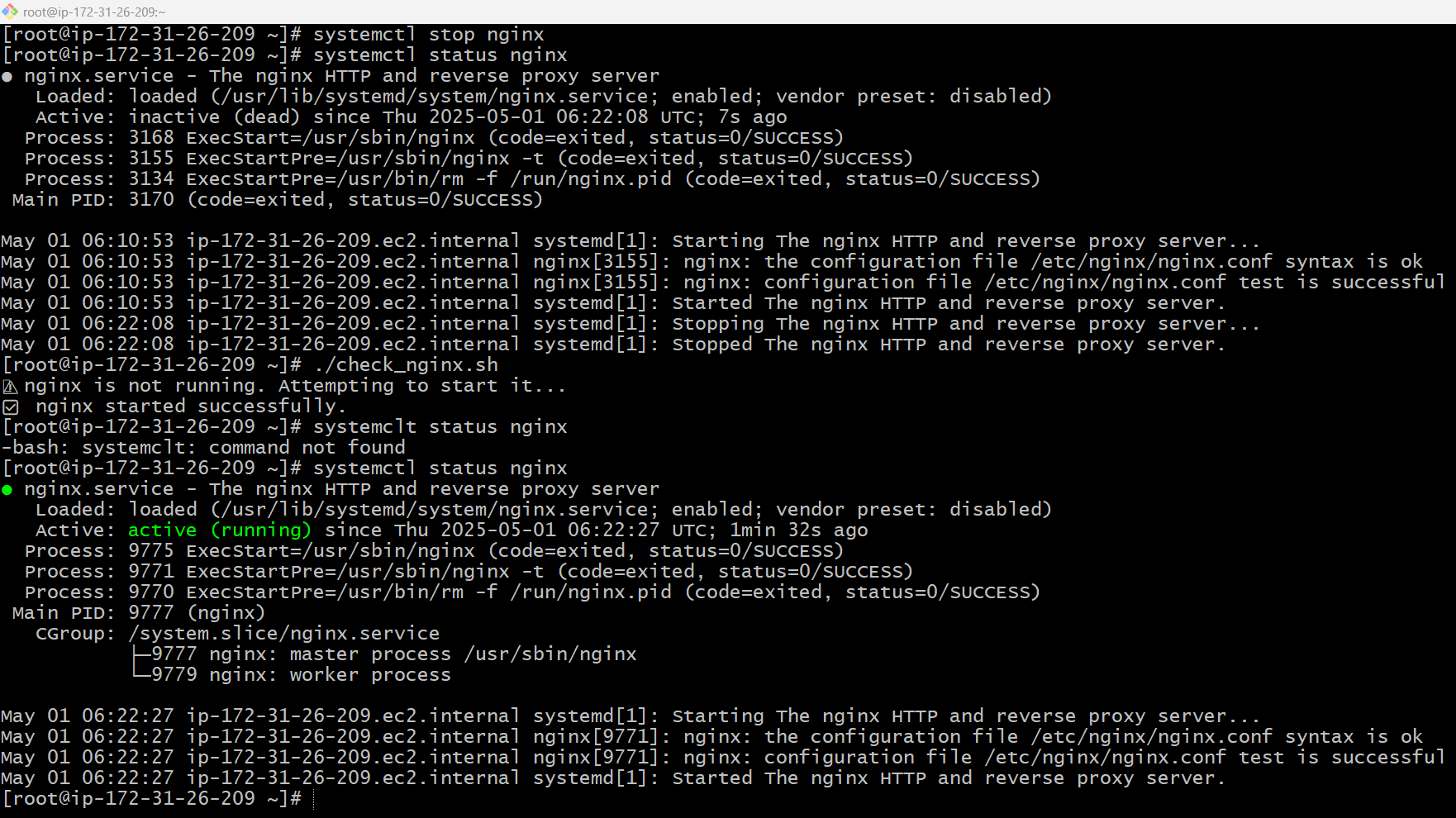




If nginx is stop:

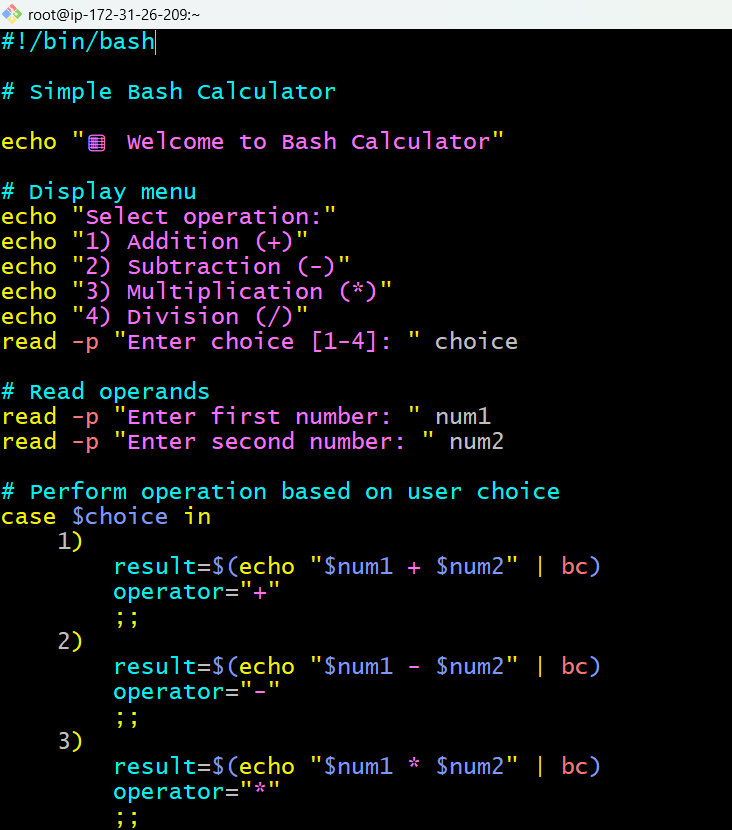


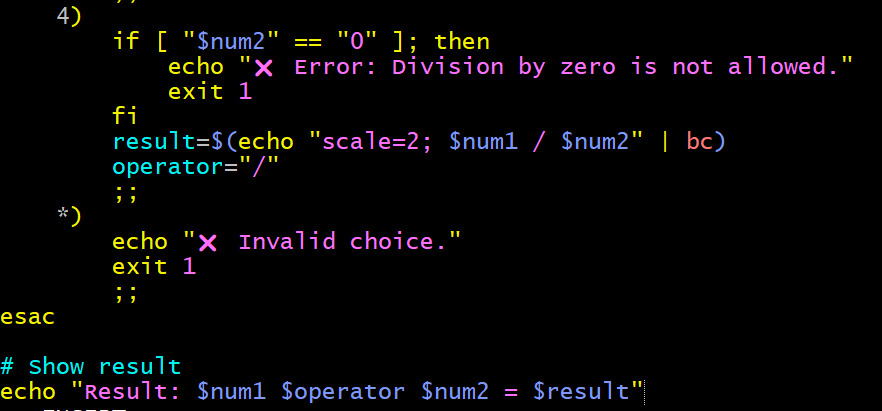




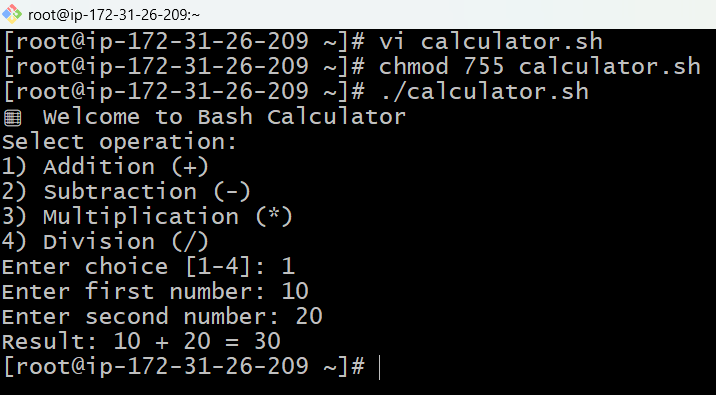
7) Create a bash script for calculator.

File: Calculator.sh





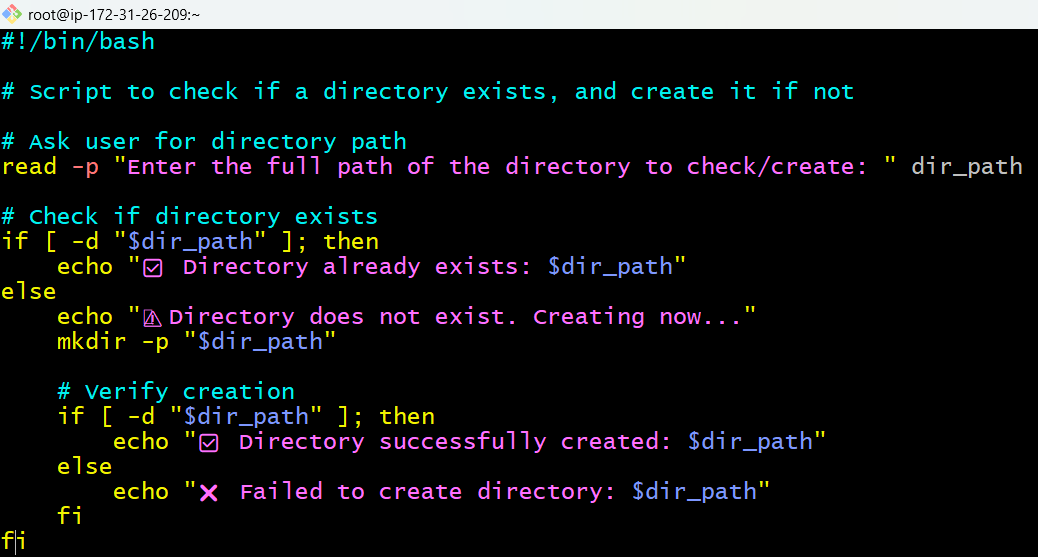
Output:

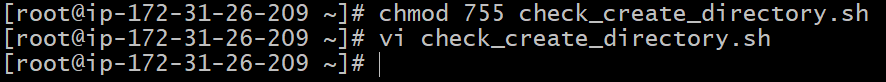


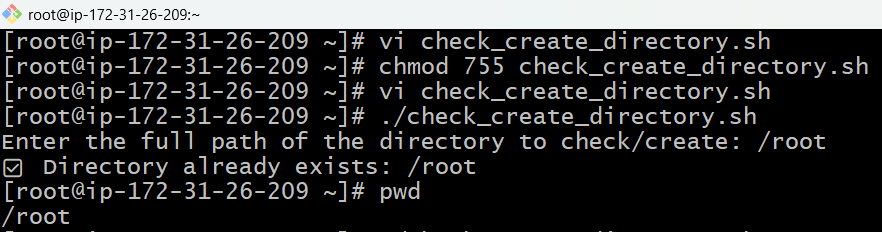
8) Create a bash script to check if directory is avaialble or not,if not then create a directory.

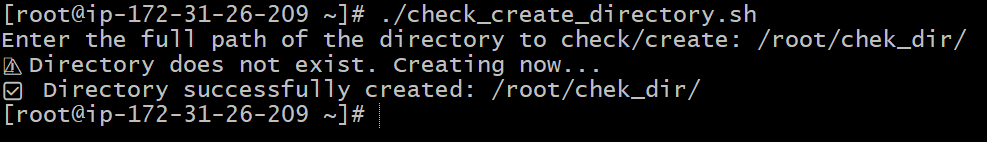
File Name: check\_create\_directory.sh









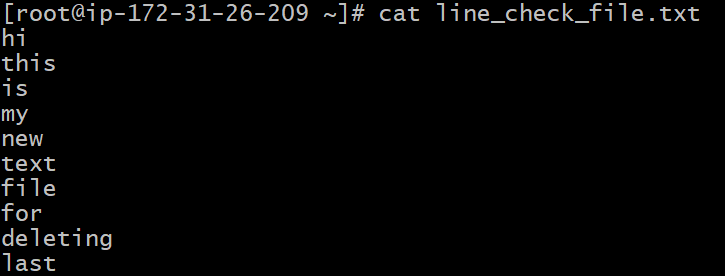


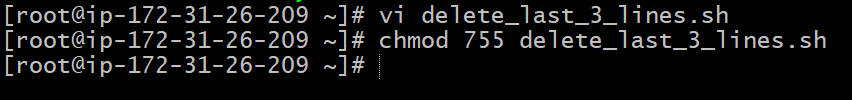
9) Create bash script to delete last 3 lines for a file

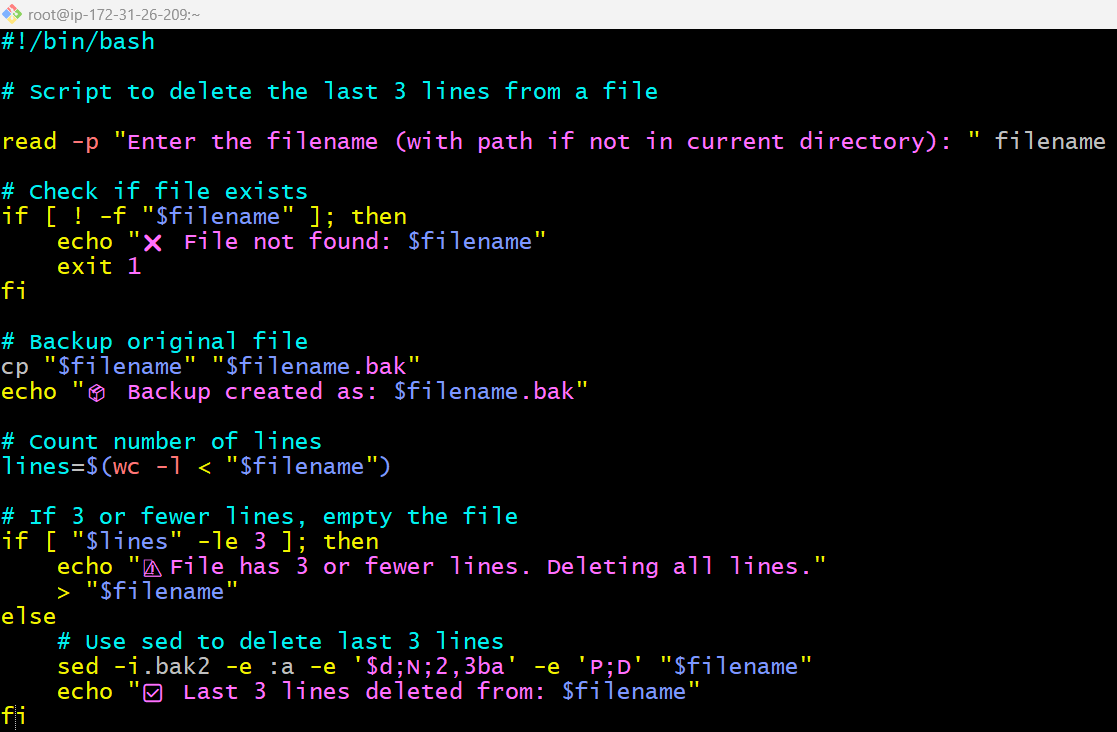
File Name: delete\_last\_3\_lines.sh

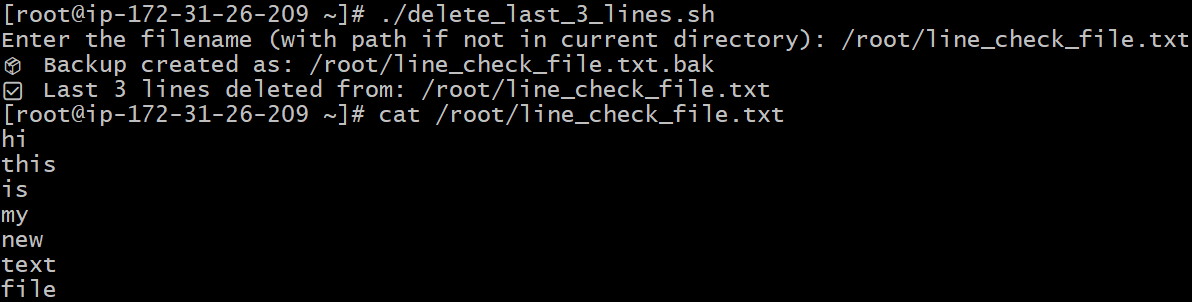
Create one sample file, from this file delete last 3 lines.

line\_check\_file.txt



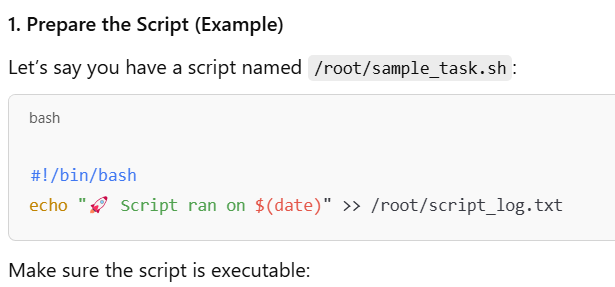




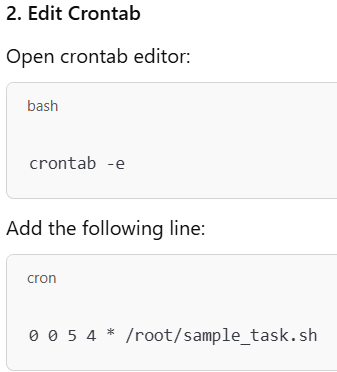


**Exercise Crontab Entries :**

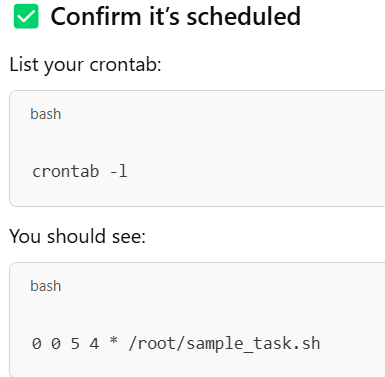
**1)**

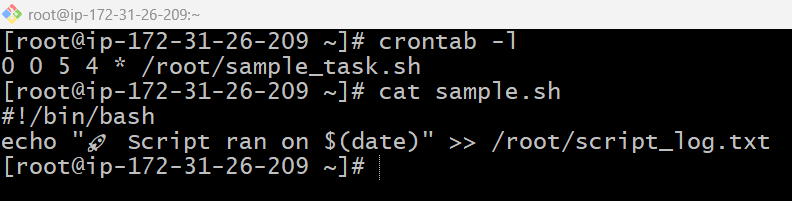




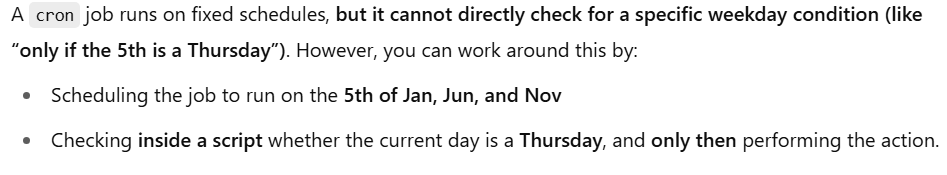






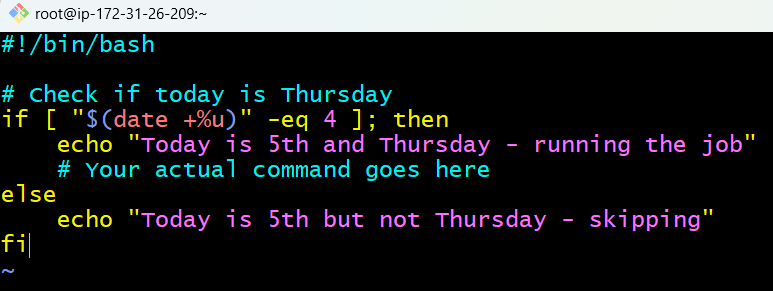


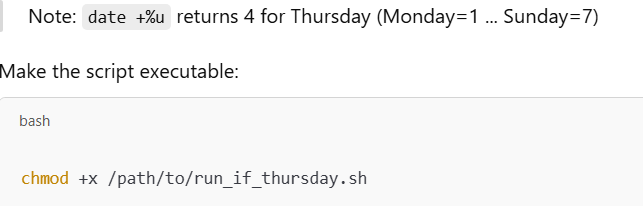
2) 5th of Every November, Jan, June if it is a Thursday.

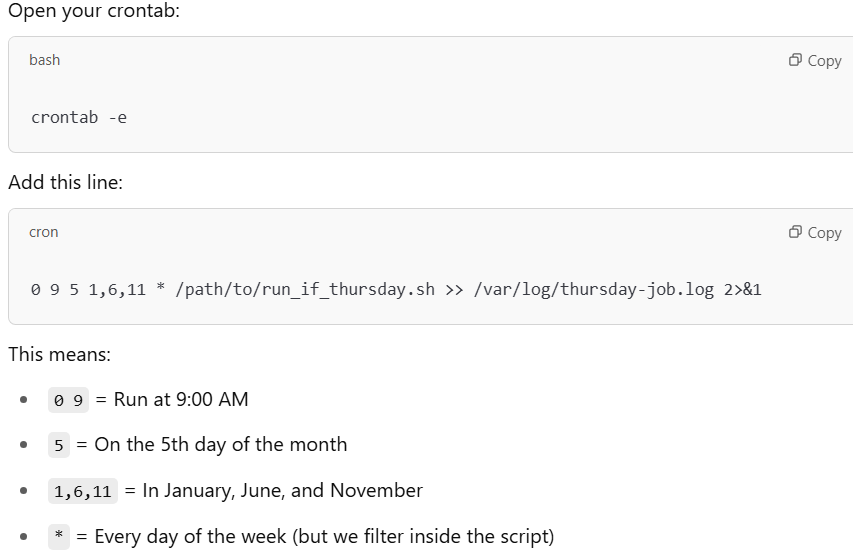


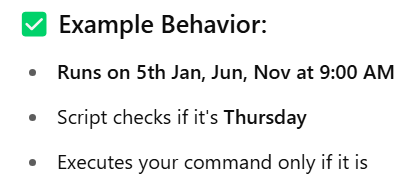
Logic:

Filename: run\_if\_thursday.sh

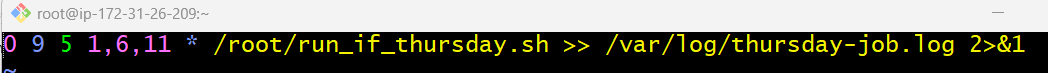




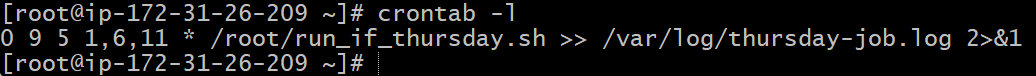




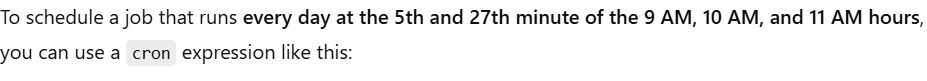
Crontab -e

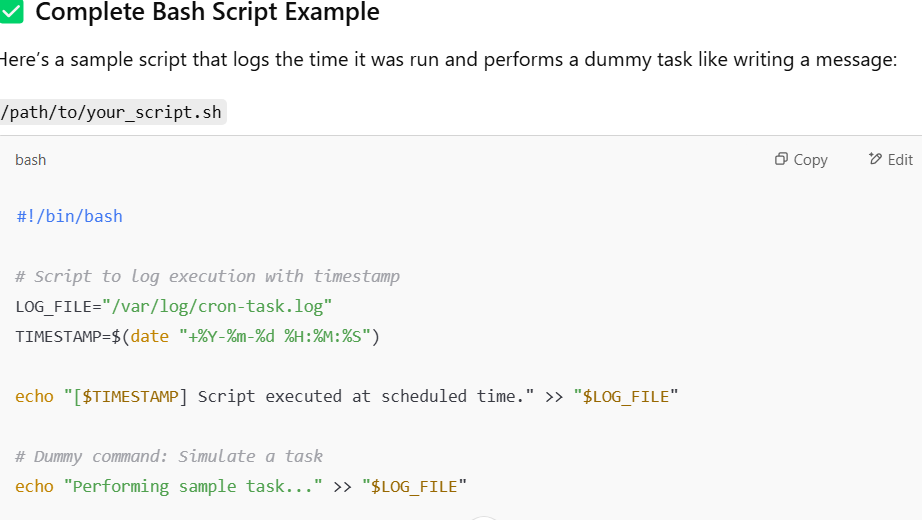


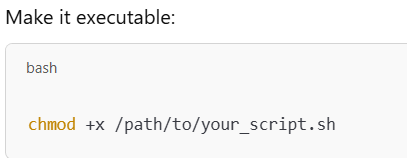
Crontab -l



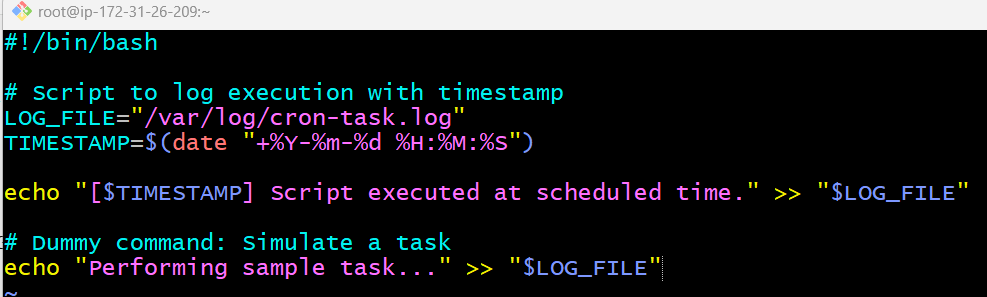
3) At 05 and 27th minutes of 9,10,11 hours everyday





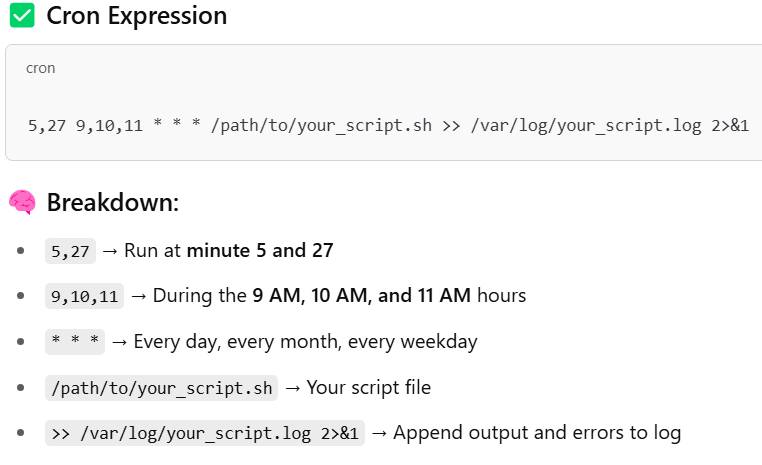


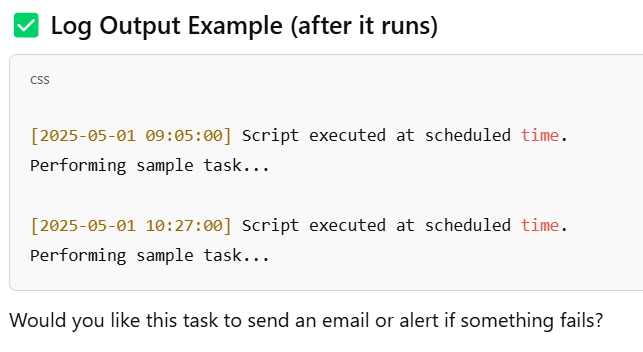
Filename: your\_script.sh

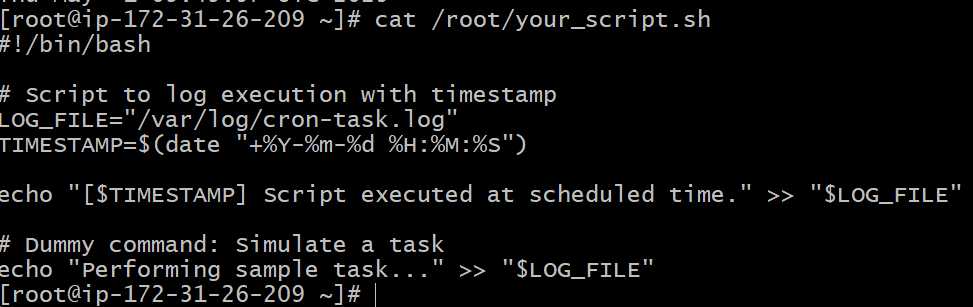


Crontab -e:

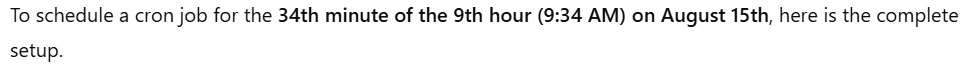
5,27 9,10,11 \* \* \* /path/to/your\_script.sh >> /var/log/your\_script.log 2>&1

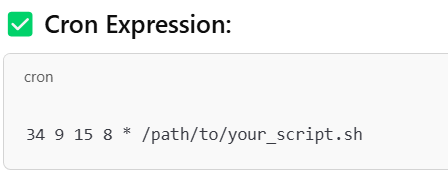


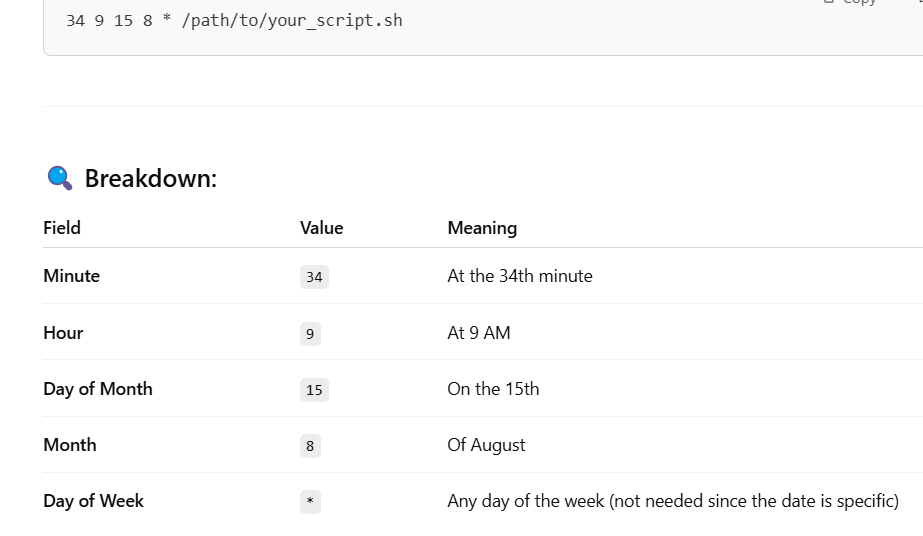




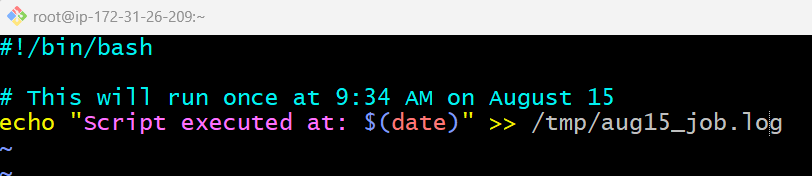
4) 34 min. of 9th hour on 15th Aug



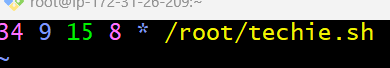




techie.sh

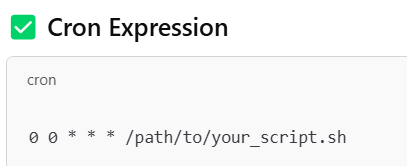


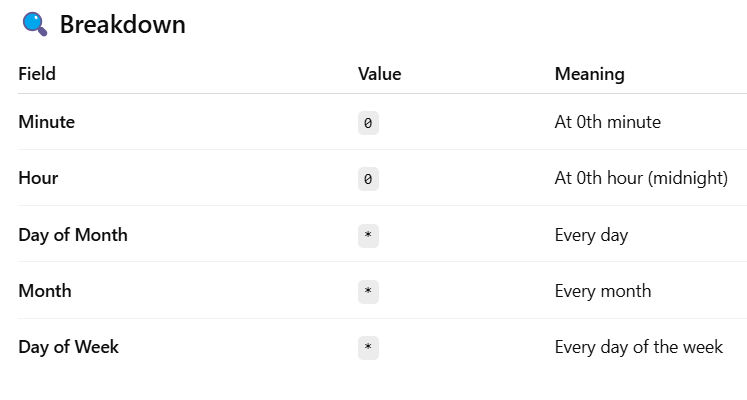
Crontab -e



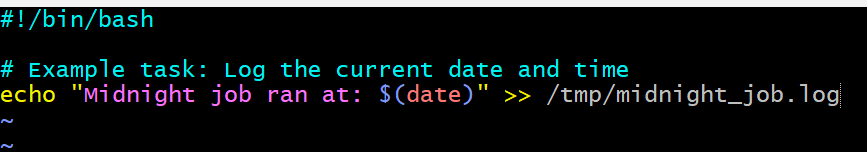
5) Every midnight

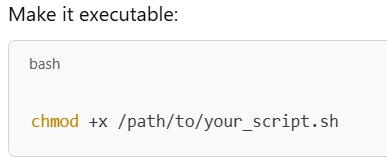






Filename: midnight.sh

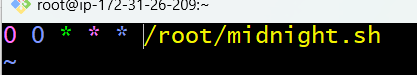


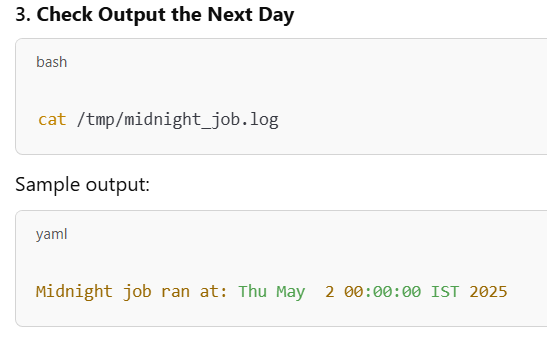


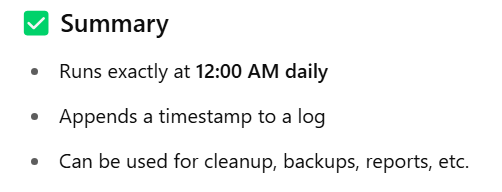




Crontab -e



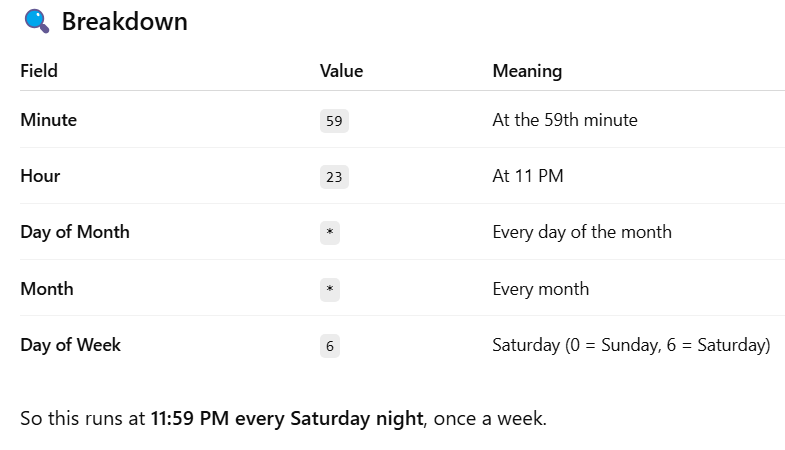




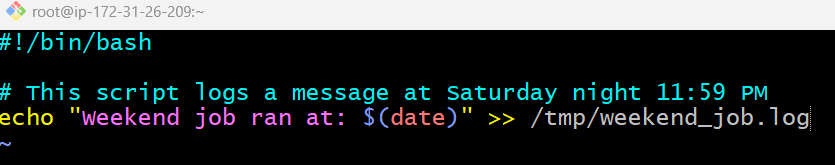
6) Every Weekend ( Saturday night 11.59 )

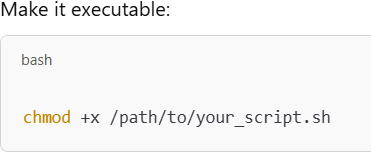




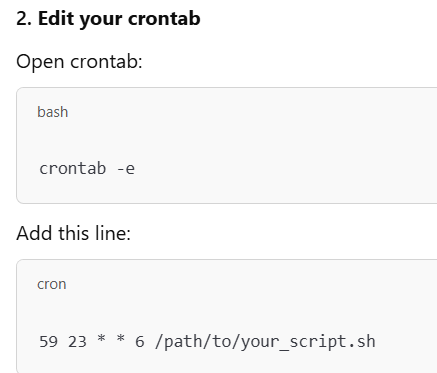


Filename: weekend.sh

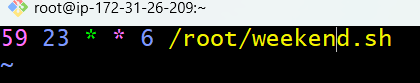


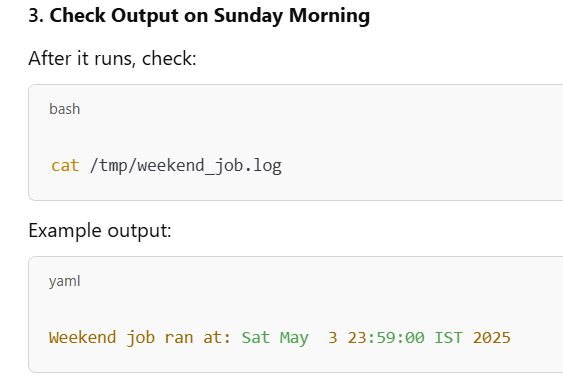


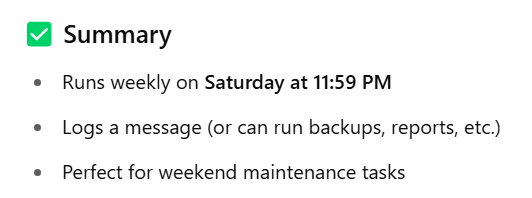




Crontab -e

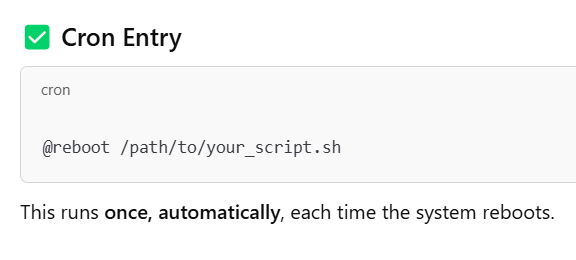


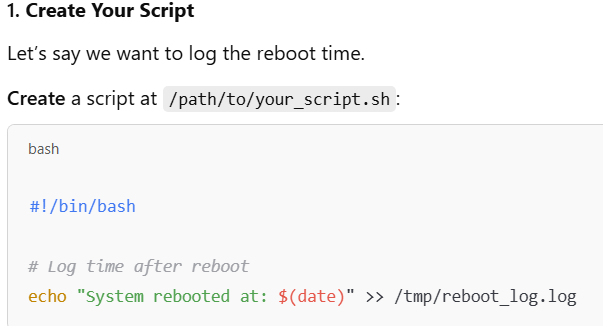




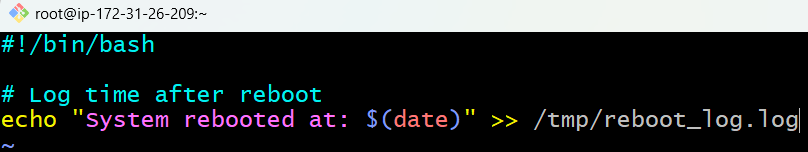
7) After every reboot

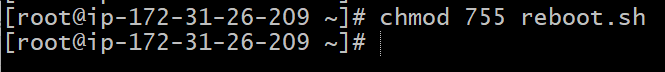


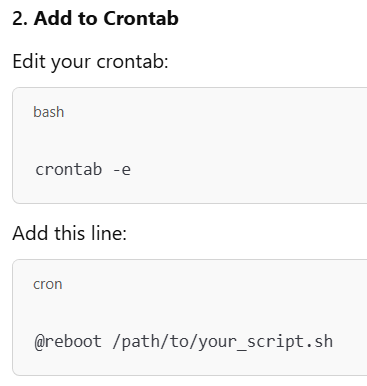




Filename: reboot.sh







crontab -e

