

1. Execute all scripts from the [devops-cloud-documents-13](#) channel.

```
[root@ip-172-31-71-72 scripts]# ./output.bash
hello , my name is ip-172-31-71-72.ec2.internal

what is your name
Aslam

hello Aslam

[root@ip-172-31-71-72 scripts]# |
```

```
[root@ip-172-31-71-72 scripts]# ./if.bash
count is 100
[root@ip-172-31-71-72 scripts]# |
```

```
[root@ip-172-31-71-72 scripts]# ./error.bash
file does not exist
[root@ip-172-31-71-72 scripts]# |
```

```
[root@ip-172-31-71-72 scripts]# ./case.bash
please choose one of the options below
a = display date and time
b = list file and directory
c = list of the user logged in
d = check system uptime
a
Fri May 30 12:37:29 UTC 2025
[root@ip-172-31-71-72 scripts]# ./case.bash
please choose one of the options below
a = display date and time
b = list file and directory
c = list of the user logged in
d = check system uptime
b
abc.bash case.bash commands.bash error.bash helloworld.bash if.bash input.bash output.bash sanity.bash variable.bash
[root@ip-172-31-71-72 scripts]# ./case.bash
please choose one of the options below
a = display date and time
b = list file and directory
c = list of the user logged in
d = check system uptime
c
ec2-user pts/0          2025-05-30 12:20 (103.143.169.218)
[root@ip-172-31-71-72 scripts]# ./case.bash
please choose one of the options below
a = display date and time
b = list file and directory
c = list of the user logged in
d = check system uptime
d
12:37:44 up 2:55, 1 user, load average: 0.00, 0.00, 0.00
[root@ip-172-31-71-72 scripts]# ./case.bash
please choose one of the options below
a = display date and time
b = list file and directory
c = list of the user logged in
d = check system uptime
f
invalid choice - Bye
[root@ip-172-31-71-72 scripts]# |
```

```
[root@ip-172-31-71-72 scripts]# ./for.bash
welcome 1 times
welcome 2 times
welcome 3 times
welcome 4 times
welcome 5 times
welcome 6 times
welcome 7 times
welcome 8 times
welcome 9 times
welcome 10 times
welcome 11 times
welcome 12 times
welcome 13 times
welcome 14 times
welcome 15 times
welcome 16 times
welcome 17 times
welcome 18 times
welcome 19 times
welcome 20 times
welcome 21 times
welcome 22 times
welcome 23 times
welcome 24 times
welcome 25 times
[root@ip-172-31-71-72 scripts]# |
```

```

-rwxr-xr-x 1 root root 22 May 30 11:14 abc.bash
-rwxr-xr-x 1 root root 365 May 30 12:36 case.bash
-rwxr-xr-x 1 root root 97 May 30 11:21 commands.bash
-rwxr-xr-x 1 root root 122 May 30 12:28 error.bash
-rwxr-xr-x 1 root root 137 May 30 13:10 exitstatus.bash
-rwxr-xr-x 1 root root 101 May 30 12:44 for.bash
-rwxr-xr-x 1 root root 113 May 30 12:46 forvariable.bash
-rwxr-xr-x 1 root root 84 May 30 11:18 helloworld.bash
-rwxr-xr-x 1 root root 89 May 30 12:25 if.bash
-rwxr-xr-x 1 root root 142 May 30 11:48 input.bash
-rwxr-xr-x 1 root root 146 May 30 11:54 output.bash
-rwxr-xr-x 1 root root 80 May 30 11:31 sanity.bash
-rwxr-xr-x 1 root root 119 May 30 11:45 variable.bash
-rwxr-xr-x 1 root root 248 May 30 12:57 while.bash
[root@ip-172-31-71-72 scripts]# touch aslam
[root@ip-172-31-71-72 scripts]# vi exitstatus.bash
[root@ip-172-31-71-72 scripts]# ./exitstatus.bash
ls: cannot access /root/scripts/aslam: No such file or directory
file does not exist
[root@ip-172-31-71-72 scripts]# ls -l
total 56
-rwxr-xr-x 1 root root 22 May 30 11:14 abc.bash
-rw-r--r-- 1 root root 0 May 30 13:11 aslam
-rwxr-xr-x 1 root root 365 May 30 12:36 case.bash
-rwxr-xr-x 1 root root 97 May 30 11:21 commands.bash
-rwxr-xr-x 1 root root 122 May 30 12:28 error.bash
-rwxr-xr-x 1 root root 143 May 30 13:12 exitstatus.bash
-rwxr-xr-x 1 root root 101 May 30 12:44 for.bash
-rwxr-xr-x 1 root root 113 May 30 12:46 forvariable.bash
-rwxr-xr-x 1 root root 84 May 30 11:18 helloworld.bash
-rwxr-xr-x 1 root root 89 May 30 12:25 if.bash
-rwxr-xr-x 1 root root 142 May 30 11:48 input.bash
-rwxr-xr-x 1 root root 146 May 30 11:54 output.bash
-rwxr-xr-x 1 root root 80 May 30 11:31 sanity.bash
-rwxr-xr-x 1 root root 119 May 30 11:45 variable.bash
-rwxr-xr-x 1 root root 248 May 30 12:57 while.bash
[root@ip-172-31-71-72 scripts]# pwd
/scripts
[root@ip-172-31-71-72 scripts]# cd ..
[root@ip-172-31-71-72 /]# pwd
/
[root@ip-172-31-71-72 /]# cd scripts/
[root@ip-172-31-71-72 scripts]# vi exitstatus.bash
[root@ip-172-31-71-72 scripts]# ./exitstatus.bash
-rw-r--r-- 1 root root 0 May 30 13:11 /scripts/aslam
file exist
[root@ip-172-31-71-72 scripts]# |
[root@ip-172-31-71-72 scripts]# chmod 755 forvariable.bash
[root@ip-172-31-71-72 scripts]# ./forvariable.bash
see imran eat
see imran run
see imran jump
see imran play
see imran sing
see imran swim
[root@ip-172-31-71-72 scripts]# |

```

```
[root@ip-172-31-71-72 scripts]# ./while.bash

10 seconds left to stop this process

9 seconds left to stop this process

8 seconds left to stop this process

7 seconds left to stop this process

6 seconds left to stop this process

5 seconds left to stop this process

4 seconds left to stop this process

3 seconds left to stop this process

2 seconds left to stop this process

1 seconds left to stop this process

process is stopped!!!

[root@ip-172-31-71-72 scripts]#
```

```
[root@ip-172-31-71-72 scripts]# ./abc.bash
abc
[root@ip-172-31-71-72 scripts]#
```

```
root@ip-172-31-71-72 scripts]# vi commands.bash
root@ip-172-31-71-72 scripts]# ls
bc.bash  commands.bash  helloworld.bash
root@ip-172-31-71-72 scripts]# chmod 755 commands.bash
root@ip-172-31-71-72 scripts]# ls
bc.bash  commands.bash  helloworld.bash
root@ip-172-31-71-72 scripts]# ./commands.bash
scripts
bc.bash  commands.bash  helloworld.bash
oot
ri May 30 11:21:45 UTC 2025
    May 2025
Su Mo Tu We Th Fr Sa
                1  2  3
4  5  6  7  8  9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

root@ip-172-31-71-72 scripts]#
```



```
[root@ip-172-31-71-72 scripts]# ./helloworld.bash
hello world
[root@ip-172-31-71-72 scripts]# |
```

```
[root@ip-172-31-71-72 scripts]# ./sanity.bash
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        468M   0 468M   0% /dev
tmpfs           477M   0 477M   0% /dev/shm
tmpfs           477M 412K 476M   1% /run
tmpfs           477M   0 477M   0% /sys/fs/cgroup
/dev/xvda1      8.0G  1.9G  6.2G  24% /
tmpfs           96M   0   96M   0% /run/user/1000

Mem:            952      94      216      0 buff/cache      available
Swap:           0         0         0

11:33:15 up 1:50, 1 user, load average: 0.00, 0.00, 0.00
Linux 5.10.237-230.948.amzn2.x86_64 (ip-172-31-71-72.ec2.internal)      05/30/2025      _x86_64_      (1 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.48    0.06   0.21   0.18    3.96   95.10

Device:            tps    kB_read/s    kB_wrtn/s    kB_read    kB_wrtn
xvda               4.74       40.30       185.61     279162     1285826
top - 11:33:30 up 1:51, 1 user, load average: 0.00, 0.00, 0.00
Tasks: 101 total, 1 running, 58 sleeping, 0 stopped, 0 zombie
%Cpu(s):  0.0 us,  0.0 sy,  0.0 ni, 93.2 id,  0.0 wa,  0.0 hi,  0.0 si,  6.8 st
KiB Mem : 975524 total, 221544 free, 96532 used, 657448 buff/cache
KiB Swap: 0 total, 0 free, 0 used, 725268 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	20	0	123600	5600	4008	S	0.0	0.6	0:01.36	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-ev
8	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
9	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_rude_
10	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_trace
11	root	20	0	0	0	0	S	0.0	0.0	0:00.30	ksoftirqd/0
12	root	20	0	0	0	0	I	0.0	0.0	0:00.09	rcu_sched
13	root	rt	0	0	0	0	S	0.0	0.0	0:00.03	migration/0
15	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
17	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
18	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
21	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kauditd
300	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
301	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
302	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
304	root	20	0	0	0	0	S	0.0	0.0	0:00.13	kcompactd0
305	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
306	root	39	19	0	0	0	S	0.0	0.0	0:00.00	khugepaged
362	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
364	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd
365	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	blkcg_punt_bio
718	root	20	0	0	0	0	S	0.0	0.0	0:00.00	xen-balloon
724	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	tpm_dev_wq
730	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	md
733	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	edac-poller
738	root	-51	0	0	0	0	S	0.0	0.0	0:00.00	watchdogd
834	root	0	-20	0	0	0	I	0.0	0.0	0:00.18	kworker/0:1H-xf
887	root	20	0	0	0	0	S	0.0	0.0	0:00.04	kswapd0

```
[root@ip-172-31-71-72 scripts]# ./variable.bash
run variable task

/scripts
a abc.bash b c commands.bash helloworld.bash sanity.bash variable.bash
root
Fri May 30 11:45:45 UTC 2025

2023

January
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

February
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28

March
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

April
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

May
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31

June
Su Mo Tu We Th Fr Sa
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

July
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

August
Su Mo Tu We Th Fr Sa
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31

September
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30

October
Su Mo Tu We Th Fr Sa
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

November
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30

December
Su Mo Tu We Th Fr Sa
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31

[root@ip-172-31-71-72 scripts]# |
```

```
[root@ip-172-31-71-72 scripts]# chmod 755 for.bash
[root@ip-172-31-71-72 scripts]# ./for.bash
welcome 1 times
welcome 2 times
welcome 3 times
welcome 4 times
welcome 5 times
[root@ip-172-31-71-72 scripts]# vi for.bash
[root@ip-172-31-71-72 scripts]# cat for.bash
#!/bin/bash
```

```
[root@ip-172-31-71-72 scripts]# ./input.bash
hello, my name is Aslam

what is your name?

shaikh

Hello shaikh

[root@ip-172-31-71-72 scripts]# |
```

## 2. Create a bash script to check if a directory is available or not.

First it has shown not exist and later we have created and it is showing exist

```
-rwxr-xr-x 1 root root 22 May 30 11:14 abc.bash
-rwxr-xr-x 1 root root 365 May 30 12:36 case.bash
-rwxr-xr-x 1 root root 97 May 30 11:21 commands.bash
-rwxr-xr-x 1 root root 122 May 30 12:28 error.bash
-rwxr-xr-x 1 root root 137 May 30 13:10 exitstatus.bash
-rwxr-xr-x 1 root root 101 May 30 12:44 for.bash
-rwxr-xr-x 1 root root 113 May 30 12:46 forvariable.bash
-rwxr-xr-x 1 root root 84 May 30 11:18 helloworld.bash
-rwxr-xr-x 1 root root 89 May 30 12:25 if.bash
-rwxr-xr-x 1 root root 142 May 30 11:48 input.bash
-rwxr-xr-x 1 root root 146 May 30 11:54 output.bash
-rwxr-xr-x 1 root root 80 May 30 11:31 sanity.bash
-rwxr-xr-x 1 root root 119 May 30 11:45 variable.bash
-rwxr-xr-x 1 root root 248 May 30 12:57 while.bash
[root@ip-172-31-71-72 scripts]# touch aslam
[root@ip-172-31-71-72 scripts]# vi exitstatus.bash
[root@ip-172-31-71-72 scripts]# ./exitstatus.bash
s: cannot access /root/scripts/aslam: No such file or directory
file does not exist
[root@ip-172-31-71-72 scripts]# ls -l
total 56
-rwxr-xr-x 1 root root 22 May 30 11:14 abc.bash
-rw-r--r-- 1 root root 0 May 30 13:11 aslam
-rwxr-xr-x 1 root root 365 May 30 12:36 case.bash
-rwxr-xr-x 1 root root 97 May 30 11:21 commands.bash
-rwxr-xr-x 1 root root 122 May 30 12:28 error.bash
-rwxr-xr-x 1 root root 143 May 30 13:12 exitstatus.bash
-rwxr-xr-x 1 root root 101 May 30 12:44 for.bash
-rwxr-xr-x 1 root root 113 May 30 12:46 forvariable.bash
-rwxr-xr-x 1 root root 84 May 30 11:18 helloworld.bash
-rwxr-xr-x 1 root root 89 May 30 12:25 if.bash
-rwxr-xr-x 1 root root 142 May 30 11:48 input.bash
-rwxr-xr-x 1 root root 146 May 30 11:54 output.bash
-rwxr-xr-x 1 root root 80 May 30 11:31 sanity.bash
-rwxr-xr-x 1 root root 119 May 30 11:45 variable.bash
-rwxr-xr-x 1 root root 248 May 30 12:57 while.bash
[root@ip-172-31-71-72 scripts]# pwd
/scripts
[root@ip-172-31-71-72 scripts]# cd ..
[root@ip-172-31-71-72 /]# pwd
/
[root@ip-172-31-71-72 /]# cd scripts/
[root@ip-172-31-71-72 scripts]# vi exitstatus.bash
[root@ip-172-31-71-72 scripts]# ./exitstatus.bash
-rw-r--r-- 1 root root 0 May 30 13:11 /scripts/aslam
file exist
[root@ip-172-31-71-72 scripts]# |
```



3. Create a bash script to create multiple files.

```
[root@ip-172-31-71-72 scripts]# ls
abc.bash case.bash commands.bash error.bash exitstatus.bash
[root@ip-172-31-71-72 scripts]# ./multiplefiles.bash
creating multiple directories and files
check whether the directory created or not
directory created
[root@ip-172-31-71-72 scripts]# ls
abc.bash aslam case.bash commands.bash error.bash exitsta
[root@ip-172-31-71-72 scripts]# tree aslam
aslam
├── aslam1
│   ├── 10.txt
│   ├── 1.txt
│   ├── 2.txt
│   ├── 3.txt
│   ├── 4.txt
│   ├── 5.txt
│   ├── 6.txt
│   ├── 7.txt
│   ├── 8.txt
│   └── 9.txt
11 directories, 0 files
[root@ip-172-31-71-72 scripts]# cat multiplefiles.bash
#!/bin/bash
# multiple files and directories

echo " creating multiple directories and files "

mkdir -p aslam/aslam1/{1..10}.txt

echo " check whether the directory created or not "

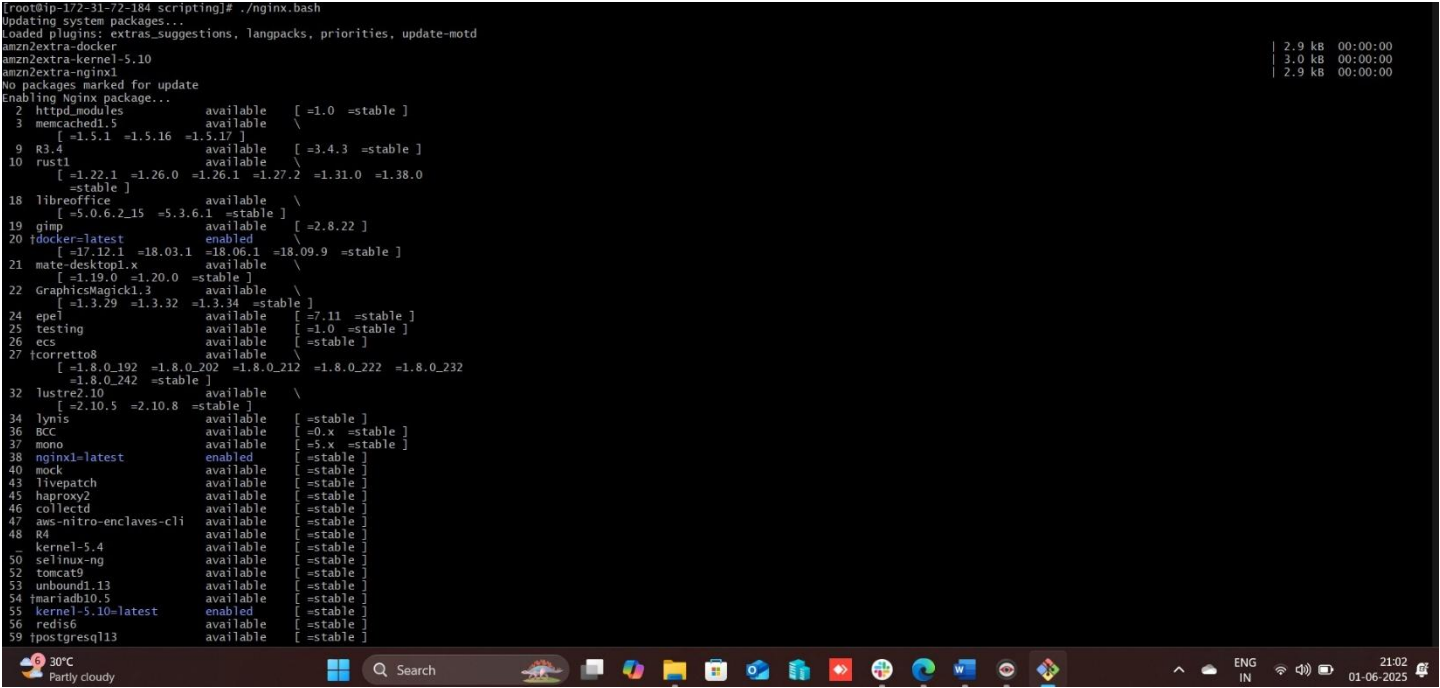
cd aslam/aslam1
echo " directory created "
```

[root@ip-172-31-71-72 scripts]# |

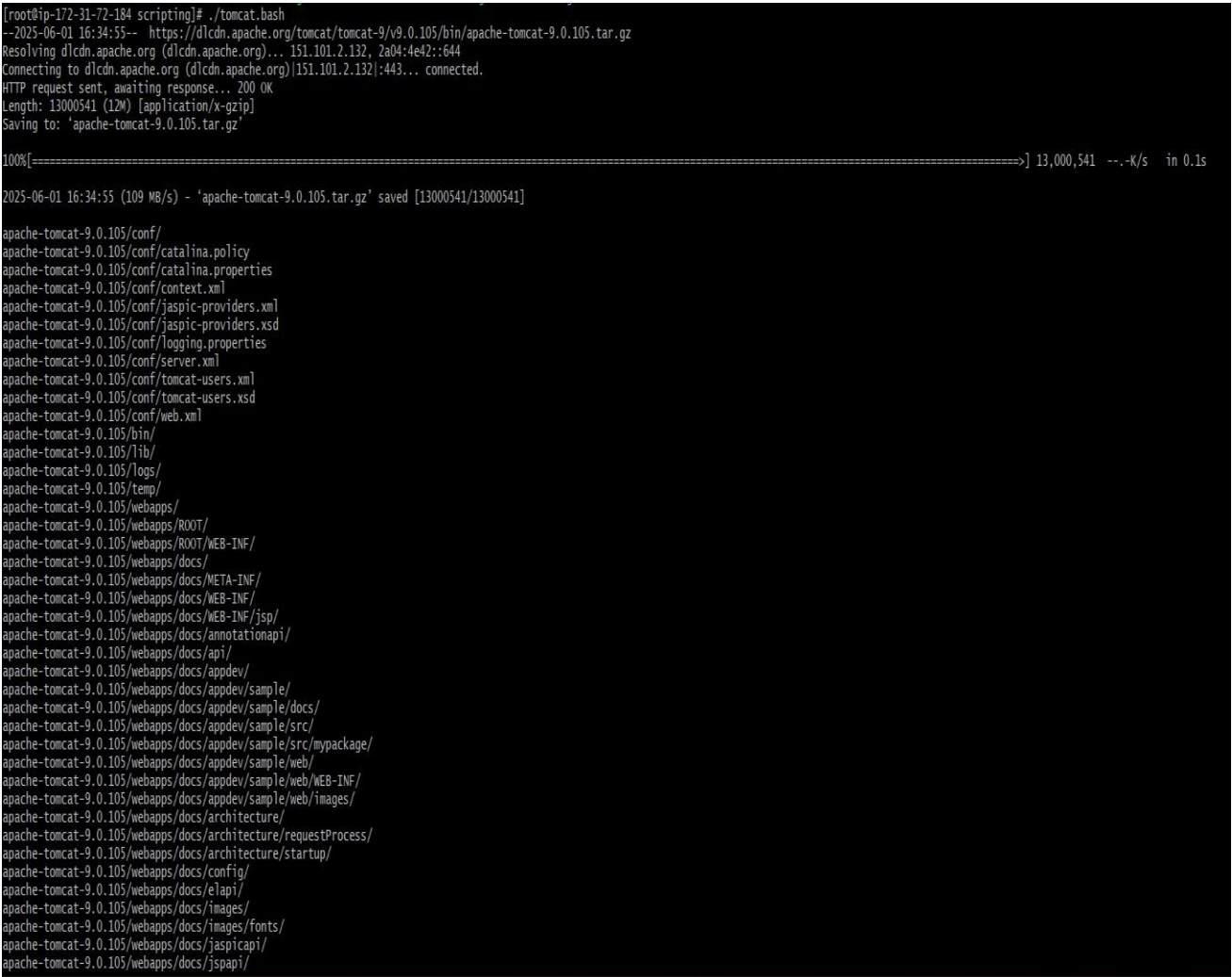
4. Create a bash script to take a backup of a directory.

```
[root@ip-172-31-72-184 ec2-user]# ls
backup.bash scripting task
[root@ip-172-31-72-184 ec2-user]# ./backup.bash
enter the file or directory name to take backup of:scripting
enter the file name to save back as: scripts
scripting/
scripting/add.bash
scripting/task/
scripting/.backup.bash.swp
scripting/add
scripting/dir.bash
scripting/song/
scripting/dir2.bash
scripting/test_dir/
scripting/muldir.bash
scripting/techiehorizon/
scripting/techiehorizon/batch13/
scripting/techiehorizon/batch13/aslam/
scripting/techiehorizon/batch13/aslam/devops{videos_tast_completed}.txt/
scripting/techiehorizon/batch13/aslam/archetecture{videos_tast_completed}.txt/
scripting/techiehorizon/batch13/aslam/linux{videos_tast_completed}.txt/
scripting/techiehorizon/batch13/aslam/bashing{videos_tast_completed}.txt/
scripting/greater2.bash
scripting/greater.bash
scripting/dircheck.bash
scripting/test/
scripting/freespace.bash
scripting/filefind.bash
total 36
drwxr-xr-x 7 root root  287 Jun  1 13:59 scripting
drwxr-xr-x 2 root root   6 Jun  1 14:45 task
-rwxr-xr-x 1 root root  179 Jun  1 14:50 backup.bash
-rw-r--r-- 1 root root 30720 Jun  1 14:51 scripts.tar
[root@ip-172-31-72-184 ec2-user]# ls
backup.bash scripting scripts.tar task
[root@ip-172-31-72-184 ec2-user]# |
```

5. Create a bash script to install Nginx on an EC2 server.



6. Create a bash script to install Apache Tomcat on an EC2 server.



7. Create a bash script to check if the Nginx service is running, and start it if not.



```

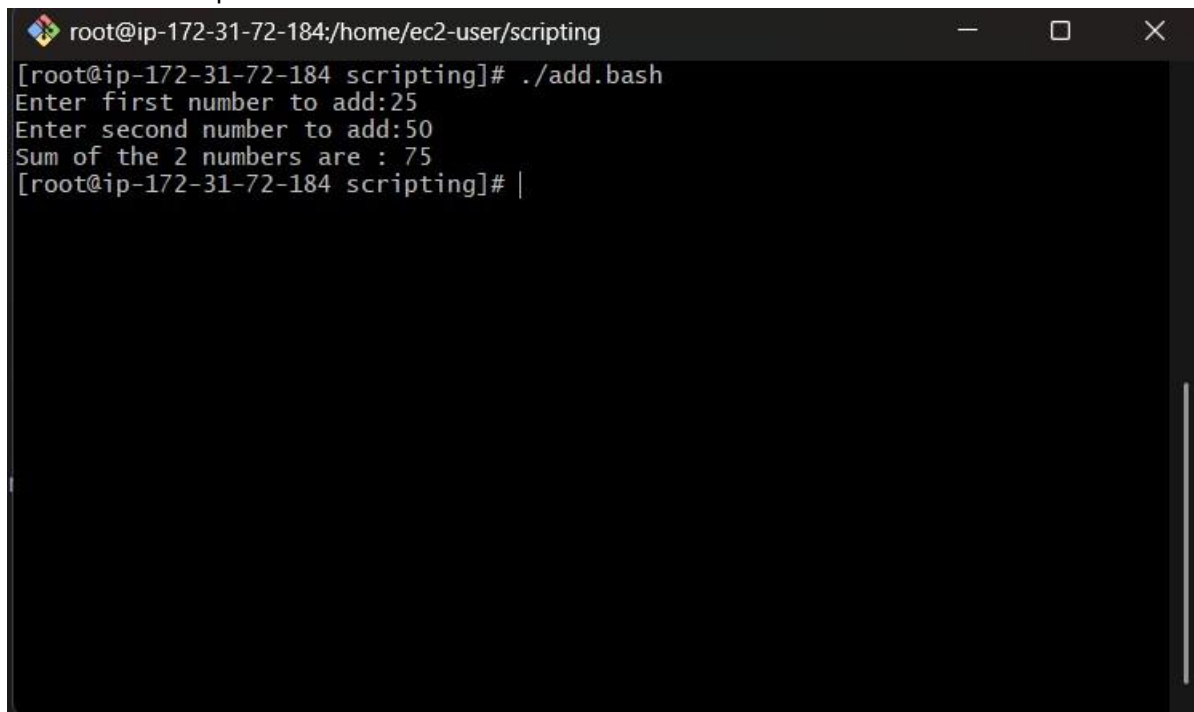
[root@ip-172-31-72-184 scripting]# systemctl status nginx
● nginx.service - The nginx HTTP and reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; vendor preset: disabled)
   Active: inactive (dead) since Sun 2025-06-01 16:12:20 UTC; 21s ago
     Process: 8654 ExecStart=/usr/sbin/nginx (code=exited, status=0/SUCCESS)
     Process: 8650 ExecStartPre=/usr/sbin/nginx -t (code=exited, status=0/SUCCESS)
     Process: 8649 ExecStartPre=/usr/bin/rm -f /run/nginx.pid (code=exited, status=0/SUCCESS)
    Main PID: 8656 (code=exited, status=0/SUCCESS)

Jun 01 16:11:44 ip-172-31-72-184.ec2.internal systemd[1]: Starting The nginx HTTP and reverse proxy server...
Jun 01 16:11:44 ip-172-31-72-184.ec2.internal nginx[8650]: nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
Jun 01 16:11:44 ip-172-31-72-184.ec2.internal nginx[8650]: nginx: configuration file /etc/nginx/nginx.conf test is successful
Jun 01 16:11:44 ip-172-31-72-184.ec2.internal systemd[1]: Started The nginx HTTP and reverse proxy server.
Jun 01 16:12:20 ip-172-31-72-184.ec2.internal systemd[1]: Stopping The nginx HTTP and reverse proxy server...
Jun 01 16:12:20 ip-172-31-72-184.ec2.internal systemd[1]: Stopped The nginx HTTP and reverse proxy server.
[root@ip-172-31-72-184 scripting]# ./nginxstatus.bash
Nginx is not running. Starting it...
[root@ip-172-31-72-184 scripting]# systemctl status nginx
bash: systemctl: command not found
[root@ip-172-31-72-184 scripting]# systemctl status nginx
● nginx.service - The nginx HTTP and reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; vendor preset: disabled)
   Active: active (running) since Sun 2025-06-01 16:13:05 UTC; 24s ago
     Process: 8747 ExecStart=/usr/sbin/nginx (code=exited, status=0/SUCCESS)
     Process: 8743 ExecStartPre=/usr/sbin/nginx -t (code=exited, status=0/SUCCESS)
     Process: 8742 ExecStartPre=/usr/bin/rm -f /run/nginx.pid (code=exited, status=0/SUCCESS)
    Main PID: 8749 (nginx)
    CGroup: /system.slice/nginx.service
            └─8749 nginx: master process /usr/sbin/nginx
              └─8750 nginx: worker process

Jun 01 16:13:05 ip-172-31-72-184.ec2.internal systemd[1]: Starting The nginx HTTP and reverse proxy server...
Jun 01 16:13:05 ip-172-31-72-184.ec2.internal nginx[8743]: nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
Jun 01 16:13:05 ip-172-31-72-184.ec2.internal nginx[8743]: nginx: configuration file /etc/nginx/nginx.conf test is successful
Jun 01 16:13:05 ip-172-31-72-184.ec2.internal systemd[1]: Started The nginx HTTP and reverse proxy server.
[root@ip-172-31-72-184 scripting]# |

```

8. Create a bash script for a calculator.



```

root@ip-172-31-72-184:/home/ec2-user/scripting
[root@ip-172-31-72-184 scripting]# ./add.bash
Enter first number to add:25
Enter second number to add:50
Sum of the 2 numbers are : 75
[root@ip-172-31-72-184 scripting]# |

```

9. Create a bash script to check if a directory exists, and create it if not.

```

[root@ip-172-31-72-184 scripting]# ./dircheck.bash
Enter the directory name to be check and created if not available : task
task exists
[root@ip-172-31-72-184 scripting]# ./dircheck.bash
Enter the directory name to be check and created if not available : test
test doesnt exist
[root@ip-172-31-72-184 scripting]# ls
add  add.bash  dir2.bash  dir.bash  dircheck.bash  greater2.bash  greater.bash  muldir.bash  song  task  techiehorizon  test  test_dir
[root@ip-172-31-72-184 scripting]# |

```

10. Create a bash script to delete the last 3 lines of a file.

```
[root@ip-172-31-72-184 scripting]# cat test.txt
1
2
3
4
5
6
7
8
9
10
11
12
13
[root@ip-172-31-72-184 scripting]# ./delete3.bash
enter the file name whose lines to be deleted:test.txt
Deleted the last 3 lines from test.txt
[root@ip-172-31-72-184 scripting]# cat test.txt
1
2
3
4
5
6
7
8
9
10
[root@ip-172-31-72-184 scripting]# cat ./delete3.bash
#!/bin/bash

read -p " enter the file name whose lines to be deleted:" file

head -n -3 "$file" > temp && mv temp "$file"

echo "Deleted the last 3 lines from $file"
[root@ip-172-31-72-184 scripting]#
```