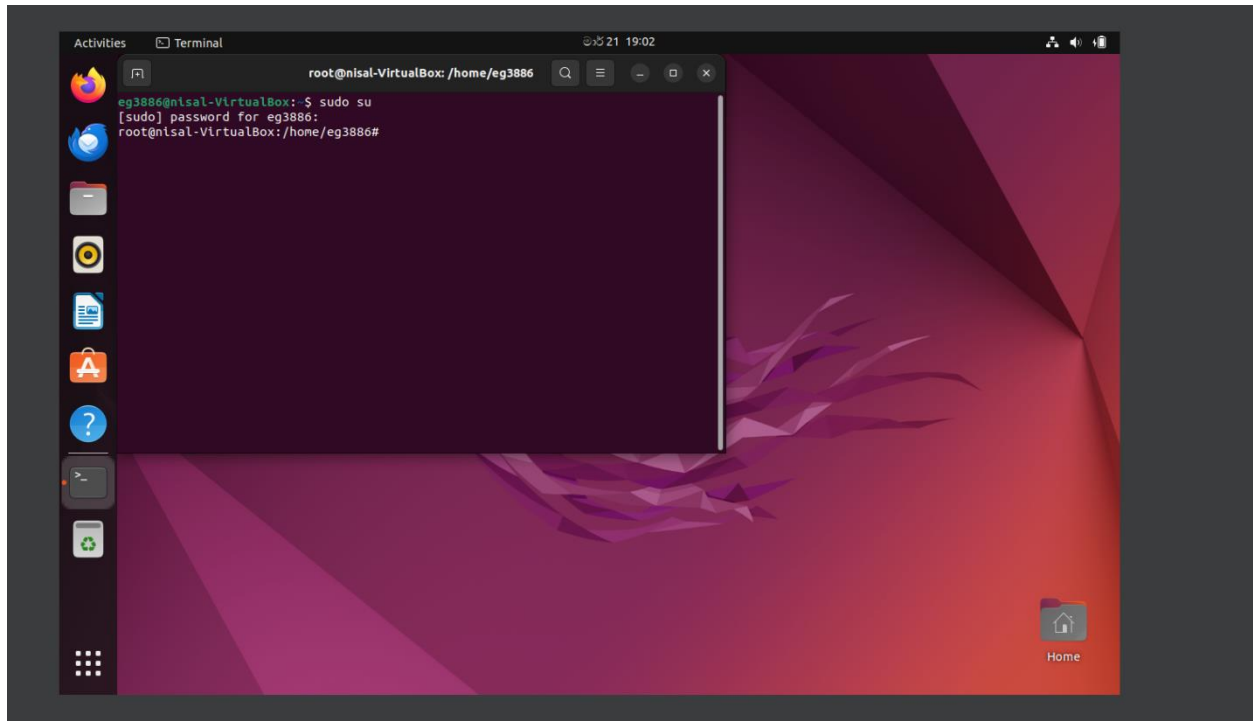Name   : De Zoysa R.N.C.
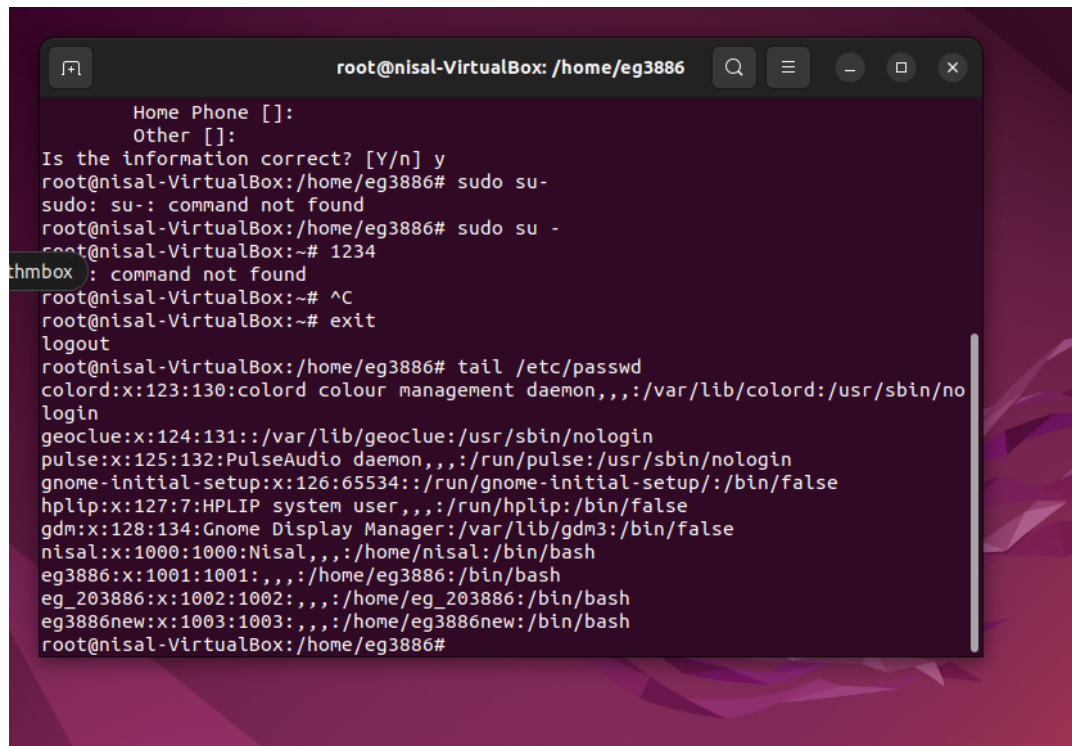
REG No : EG/2020/3886

Q1) /home/scs/staff
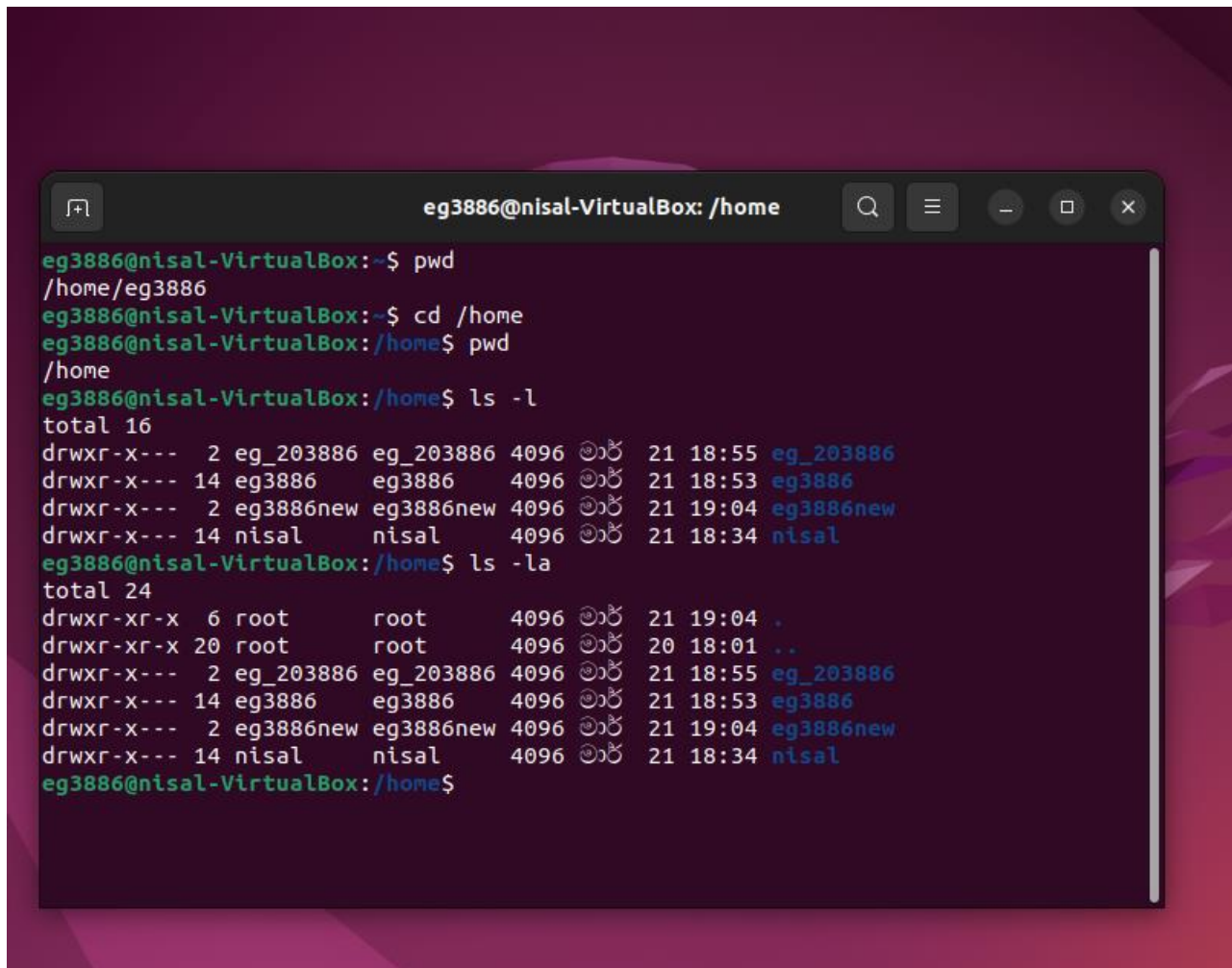

Q2)

Q3)


```
        Home Phone []:
        Other []:
Is the information correct? [Y/n] y
root@nisal-VirtualBox:/home/eg3886# sudo su-
sudo: su-: command not found
root@nisal-VirtualBox:/home/eg3886# sudo su -
root@nisal-VirtualBox:~# 1234
chmbox : command not found
root@nisal-VirtualBox:~# ^C
root@nisal-VirtualBox:~# exit
logout
root@nisal-VirtualBox:/home/eg3886# tail /etc/passwd
colord:x:123:130:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/no
login
geoclue:x:124:131::/var/lib/geoclue:/usr/sbin/nologin
pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:126:65534::/run/gnome-initial-setup/:/bin/false
hplip:x:127:7:HPLIP system user,,,:/run/hplip:/bin/false
gdm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/false
nisal:x:1000:1000:Nisal,,,:/home/nisal:/bin/bash
eg3886:x:1001:1001:,,,:/home/eg3886:/bin/bash
eg_203886:x:1002:1002:,,,:/home/eg_203886:/bin/bash
eg3886new:x:1003:1003:,,,:/home/eg3886new:/bin/bash
root@nisal-VirtualBox:/home/eg3886#
```

Q4)

Q5)

- **ls -l** displays the non-hidden files and directories in the current directory.
- **ls -la** command displays detailed information about all files and directories, and also the hidden files as well.
- **-a** stands for all.From this it is telling to include all the files and directories.Beacuse of that ls-la showing more files.

Q6)
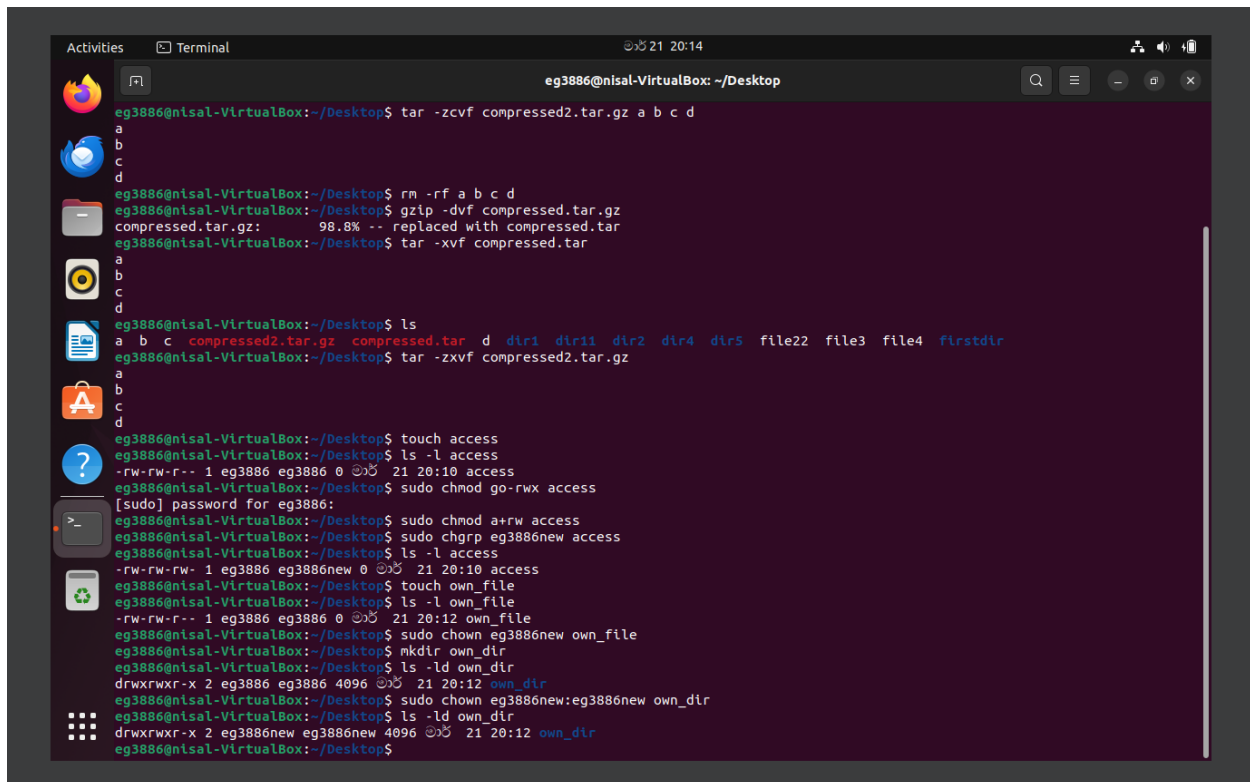
- **-r** is doing recursive copying.It is copying recursively directories and their content.

Q7)


```
Activities          Terminal                              ව 21 19:58

                                    eg3886@nisal-VirtualBox: ~/Desktop

eg3886@nisal-VirtualBox:/home$ ls -l
total 16
drwxr-x---  2 eg_203886 eg_203886 4096 ව 21 18:55 eg_203886
drwxr-x--- 14 eg3886    eg3886    4096 ව 21 18:53 eg3886
drwxr-x---  2 eg3886new eg3886new 4096 ව 21 19:04 eg3886new
drwxr-x--- 14 nisal     nisal     4096 ව 21 18:34 nisal
eg3886@nisal-VirtualBox:/home$ ls -la
total 24
drwxr-xr-x  6 root      root      4096 ව 21 19:04 .
drwxr-xr-x 20 root      root      4096 ව 20 18:01 ..
drwxr-x---  2 eg_203886 eg_203886 4096 ව 21 18:55 eg_203886
drwxr-x--- 14 eg3886    eg3886    4096 ව 21 18:53 eg3886
drwxr-x---  2 eg3886new eg3886new 4096 ව 21 19:04 eg3886new
drwxr-x--- 14 nisal     nisal     4096 ව 21 18:34 nisal
eg3886@nisal-VirtualBox:/home$ cd /desktop
bash: cd: /desktop: No such file or directory
eg3886@nisal-VirtualBox:/home$ ls ~
Desktop  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
eg3886@nisal-VirtualBox:/home$ cd Desktop
bash: cd: Desktop: No such file or directory
eg3886@nisal-VirtualBox:/home$ cd /Desktop
bash: cd: /Desktop: No such file or directory
eg3886@nisal-VirtualBox:/home$ ls ~
Desktop  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
eg3886@nisal-VirtualBox:/home$ Desktop
Desktop: command not found
eg3886@nisal-VirtualBox:/home$ cd ~/Desktop
eg3886@nisal-VirtualBox:~/Desktop$ mkdir firstdir
eg3886@nisal-VirtualBox:~/Desktop$ mkdir dir1 dir2
eg3886@nisal-VirtualBox:~/Desktop$ mkdir -p dir11/dir22/{dir33,dir44}
eg3886@nisal-VirtualBox:~/Desktop$ ls
dir1  dir11  dir2  firstdir
eg3886@nisal-VirtualBox:~/Desktop$ re -r dir2
re: command not found
eg3886@nisal-VirtualBox:~/Desktop$ mkdir dir3
eg3886@nisal-VirtualBox:~/Desktop$ ls
dir1  dir11  dir2  dir3  firstdir
eg3886@nisal-VirtualBox:~/Desktop$ rm -r dir3
eg3886@nisal-VirtualBox:~/Desktop$ touch file1 file2 file3
eg3886@nisal-VirtualBox:~/Desktop$ mv file1 dir1
eg3886@nisal-VirtualBox:~/Desktop$ mv file2 file22
eg3886@nisal-VirtualBox:~/Desktop$ ls
dir1  dir11  dir2  file22  file3  firstdir
eg3886@nisal-VirtualBox:~/Desktop$ touch file4
eg3886@nisal-VirtualBox:~/Desktop$ mkdir dir4
eg3886@nisal-VirtualBox:~/Desktop$ cp file4 dir4
eg3886@nisal-VirtualBox:~/Desktop$ mkdir5
Command 'mkdir5' not found, did you mean:
  command 'mkdir' from deb coreutils (8.32-4.1ubuntu1)
Try: apt install <deb name>
eg3886@nisal-VirtualBox:~/Desktop$ mkdir dir5
eg3886@nisal-VirtualBox:~/Desktop$ cp -r dir4 dir5
eg3886@nisal-VirtualBox:~/Desktop$ find /root -name file1
find: '/root': Permission denied
eg3886@nisal-VirtualBox:~/Desktop$
```
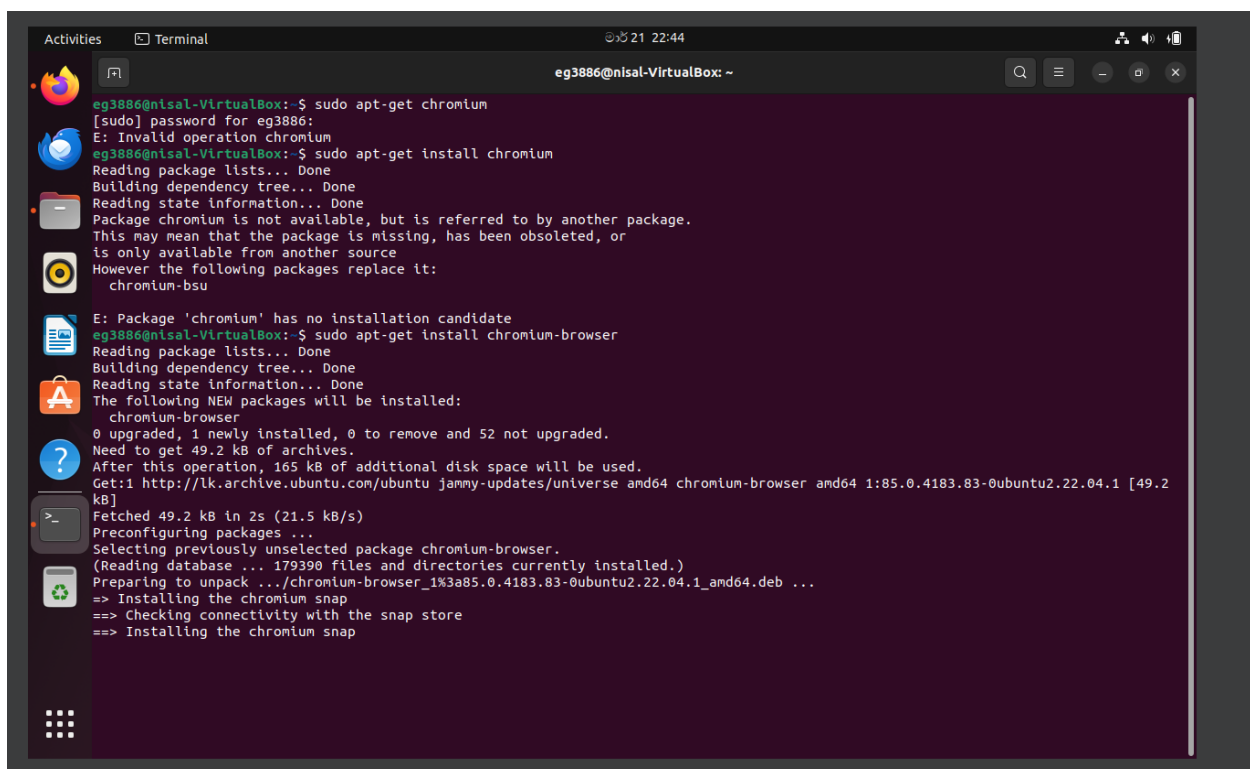
Q8)

Q)9

Q) AWS Task


```
Processing triggers for mailcap (3.70+nmu1ubuntu1) ...
Processing triggers for fontconfig (2.13.1-4.2ubuntu5) ...
Processing triggers for desktop-file-utils (0.26-1ubuntu3) ...
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for gnome-menus (3.36.0-1ubuntu3) ...
Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
Setting up awscli (1.22.34-1) ...
eg3886@nisal-VirtualBox:~$ aws --version
aws-cli/1.22.34 Python/3.10.12 Linux/6.5.0-18-generic botocore/1.23.34
eg3886@nisal-VirtualBox:~$ aws configure
AWS Access Key ID [None]: AKIASLL54JEMIUWYCRV2
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]: json
eg3886@nisal-VirtualBox:~$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  snap  Templates  Videos
eg3886@nisal-VirtualBox:~$ cs ~/Desktop
Command 'cs' not found, but can be installed with:
apt install csound
Please ask your administrator.
eg3886@nisal-VirtualBox:~$ cd ~/Desktop
eg3886@nisal-VirtualBox:~/Desktop$ touch python.py
eg3886@nisal-VirtualBox:~/Desktop$ python3 pyhton.py
python3: can't open file '/home/eg3886/Desktop/pyhton.py': [Errno 2] No such file or directory
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/python.py", line 1, in <module>
    import boto3
ModuleNotFoundError: No module named 'boto3'
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/python.py", line 1, in <module>
    import boto3;
ModuleNotFoundError: No module named 'boto3'
eg3886@nisal-VirtualBox:~/Desktop$ pip install boto3
Defaulting to user installation because normal site-packages is not writeable
Collecting boto3
  Downloading boto3-1.34.67-py3-none-any.whl (139 kB)
                                         139.3/139.3 KB 93.0 kB/s eta 0:00:00
Collecting s3transfer<0.11.0,>=0.10.0
```



```
Collecting boto3
  Downloading boto3-1.34.67-py3-none-any.whl (139 kB)
                                         139.3/139.3 KB 93.0 kB/s eta 0:00:00
Collecting s3transfer<0.11.0,>=0.10.0
  Downloading s3transfer-0.10.1-py3-none-any.whl (82 kB)
                                         82.2/82.2 kB 64.6 kB/s eta 0:00:00
Collecting botocore<1.35.0,>=1.34.67
  Downloading botocore-1.34.67-py3-none-any.whl (12.0 MB)
                                         12.0/12.0 MB 62.3 kB/s eta 0:00:00
Requirement already satisfied: jmespath<2.0.0,>=0.7.1 in /usr/lib/python3/dist-packages (from boto3) (0.10.0)
Requirement already satisfied: python-dateutil<3.0.0,>=2.1 in /usr/lib/python3/dist-packages (from botocore<1.35.0,>=1.34.67->boto3) (2.8.1)
Requirement already satisfied: urllib3!=2.2.0,<3,>=1.25.4 in /usr/lib/python3/dist-packages (from botocore<1.35.0,>=1.34.67->boto3) (1.26.5)
Installing collected packages: botocore, s3transfer, boto3
Successfully installed boto3-1.34.67 botocore-1.34.67 s3transfer-0.10.1
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/python.py", line 19, in <module>
    list_ec2_instances()
  File "/home/eg3886/Desktop/python.py", line 6, in list_ec2_instances
    response = ec2.describe_instances()
  File "/home/eg3886/.local/lib/python3.10/site-packages/botocore/client.py", line 553, in _api_call
    return self._make_api_call(operation_name, kwargs)
  File "/home/eg3886/.local/lib/python3.10/site-packages/botocore/client.py", line 1009, in _make_api_call
    raise error_class(parsed_response, operation_name)
botocore.exceptions.ClientError: An error occurred (AuthFailure) when calling the DescribeInstances operation: AWS was not able to validate the provided access credentials
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/python.py", line 58, in <module>
    if _name_ == "_main_":
NameError: name '_name_' is not defined. Did you mean: '__name__'?
eg3886@nisal-VirtualBox:~/Desktop$ aws configure
AWS Access Key ID [****************CRV2]: AKIASLL54JEMIUWYCRV2
AWS Secret Access Key [****************lyYJ]: 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
Default region name [us-east-1]: us-east-1
Default output format [json]: json
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
```

```
  File "/home/eg3886/Desktop/python.py", line 19, in <module>
    list_ec2_instances()
  File "/home/eg3886/Desktop/python.py", line 6, in list_ec2_instances
    response = ec2.describe_instances()
  File "/home/eg3886/.local/lib/python3.10/site-packages/botocore/client.py", line 553, in _api_call
    return self._make_api_call(operation_name, kwargs)
  File "/home/eg3886/.local/lib/python3.10/site-packages/botocore/client.py", line 1009, in _make_api_call
    raise error_class(parsed_response, operation_name)
botocore.exceptions.ClientError: An error occurred (AuthFailure) when calling the DescribeInstances operation: AWS was not able to v
alidate the provided access credentials
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/python.py", line 58, in <module>
    if _name_ == "_main_":
NameError: name '_name_' is not defined. Did you mean: '__name__'?
eg3886@nisal-VirtualBox:~/Desktop$ aws configure
AWS Access Key ID [****************CRV2]: AKIASLL54JEMIUWYCRV2
AWS Secret Access Key [****************IyYj]: 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
Default region name [us-east-1]: us-east-1
Default output format [json]: json
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/python.py", line 58, in <module>
    if _name_ == "_main_":
NameError: name '_name_' is not defined. Did you mean: '__name__'?
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
eg3886@nisal-VirtualBox:~/Desktop$ touch p.py
eg3886@nisal-VirtualBox:~/Desktop$ python3 p.py
Traceback (most recent call last):
  File "/home/eg3886/Desktop/p.py", line 19, in <module>
    list_ec2_instances()
  File "/home/eg3886/Desktop/p.py", line 6, in list_ec2_instances
    response = ec2.describe_instances()
  File "/home/eg3886/.local/lib/python3.10/site-packages/botocore/client.py", line 553, in _api_call
    return self._make_api_call(operation_name, kwargs)
  File "/home/eg3886/.local/lib/python3.10/site-packages/botocore/client.py", line 1009, in _make_api_call
    raise error_class(parsed_response, operation_name)
botocore.exceptions.ClientError: An error occurred (AuthFailure) when calling the DescribeInstances operation: AWS was not able to v
alidate the provided access credentials
eg3886@nisal-VirtualBox:~/Desktop$
```



```
botocore.exceptions.ClientError: An error occurred (AuthFailure) when calling the DescribeInstances operation: AWS was not able to v
alidate the provided access credentials
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
Command 'pyhton3' not found, did you mean:
  command 'python3' from deb python3 (3.10.6-1~22.04)
Try: apt install <deb name>
eg3886@nisal-VirtualBox:~/Desktop$ python3 python.py
eg3886@nisal-VirtualBox:~/Desktop$ aws configure
AWS Access Key ID [****************CRV2]: AKIA6CDGBFDXA6GRJ3K4
AWS Secret Access Key [****************IyYj]: 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
Default region name [us-east-1]: us-east-1
Default output format [json]: json
eg3886@nisal-VirtualBox:~/Desktop$ pyhton3 ec.py
Command 'pyhton3' not found, did you mean:
  command 'python3' from deb python3 (3.10.6-1~22.04)
Try: apt install <deb name>
eg3886@nisal-VirtualBox:~/Desktop$ python3 ec.py
INFO:botocore.credentials:Found credentials in shared credentials file: ~/.aws/credentials
INFO:__main__:=================== Your Instances ====================
INFO:__main__:No instances found
eg3886@nisal-VirtualBox:~/Desktop$ python3 ec.py
INFO:botocore.credentials:Found credentials in shared credentials file: ~/.aws/credentials
INFO:__main__:=================== Your Instances ====================
INFO:__main__:No instances found
eg3886@nisal-VirtualBox:~/Desktop$ python3 ec.py
INFO:botocore.credentials:Found credentials in shared credentials file: ~/.aws/credentials
INFO:__main__:=================== Your Instances ====================
INFO:__main__:No instances found
eg3886@nisal-VirtualBox:~/Desktop$ pyhton3 ec.py
Command 'pyhton3' not found, did you mean:
  command 'python3' from deb python3 (3.10.6-1~22.04)
Try: apt install <deb name>
eg3886@nisal-VirtualBox:~/Desktop$ python3 ec.py
INFO:botocore.credentials:Found credentials in shared credentials file: ~/.aws/credentials
INFO:__main__:=================== Your Instances ====================
INFO:__main__:No instances found
eg3886@nisal-VirtualBox:~/Desktop$
```