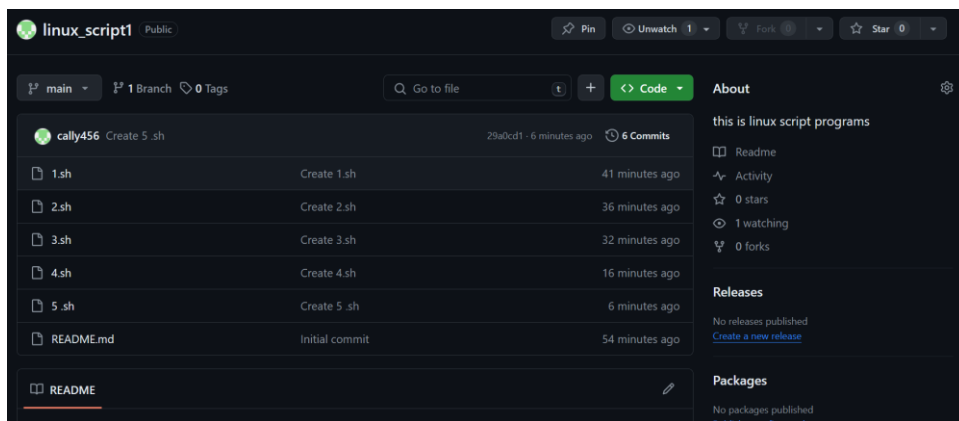
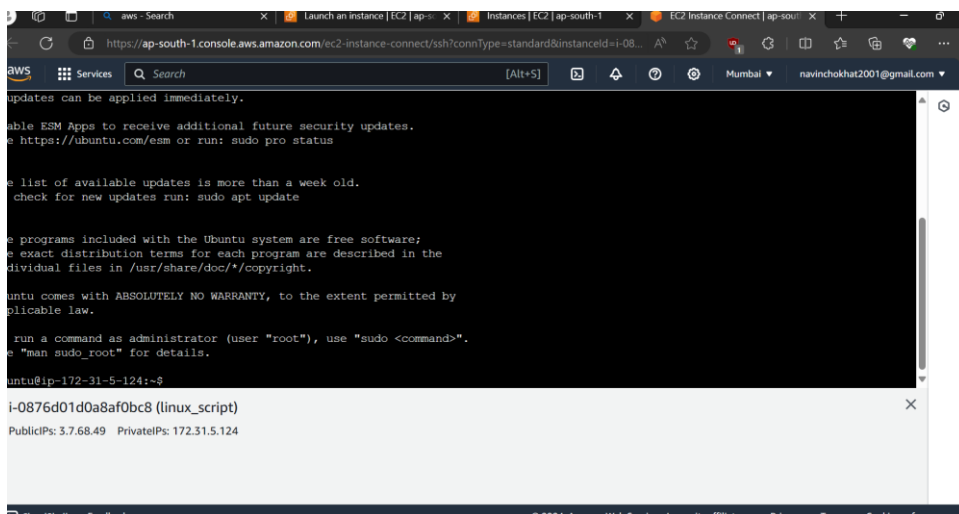


2



3.



```
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-5-124:~$ sudo apt install git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.34.1-1ubuntu1.10).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-5-124:~$
```

i-0876d01d0a8af0bc8 (linux\_script)

PublicIPs: 3.7.68.49 PrivateIPs: 172.31.5.124


4.

```
ubuntu@ip-172-31-15-213: ~
ubuntu@ip-172-31-15-213:~$ cat 1.sh
count=0
neg=0
zero=0
for (( i=1;i<=10;i++ ))
do
read -p "enter numbers" num
if [ $num -gt 0 ]
then
((count++))
elif [ $num -lt 0 ]
then
((neg++))
else
((zero++))
fi
done
echo " positive no are " $count
echo "negative no are " $neg
echo "zeros are" $zero
ubuntu@ip-172-31-15-213:~$ ./1.sh
enter numbers1
enter numbers3
enter numbers-12
enter numbers-45
enter numbers89
enter numbers0
enter numbers0
enter numbers-123
enter numbers67
enter numbers0
positive no are 4
negative no are 3
zeros are 3
ubuntu@ip-172-31-15-213:~$
```

```

ubuntu@ip-172-31-15-213:~$ nano 2.sh
ubuntu@ip-172-31-15-213:~$ chmod 777 2.sh
ubuntu@ip-172-31-15-213:~$ ./2.sh
  enter a no 56
  enter a  no 90
  enter a  no 32
  enter a  no 45
  enter a  no 67
graetest no is  67
smallest no is  45
ubuntu@ip-172-31-15-213:~$ cat 2.sh
read -p " enter a no " n
min=$n
max=$n
for (( i=1;i<=4;i++ ))
do
    read -p " enter a  no " a
    if [ $a -gt $max ]
    then
        b=$a
    fi
    if [ $a -lt $min ]
    then
        c=$a
    fi
done
echo "graetest no is " $b
echo "smallest no is " $c
ubuntu@ip-172-31-15-213:~$ █

```

 ubuntu@ip-172-31-15-213: ~

```

ubuntu@ip-172-31-15-213:~$ nano 3.sh
ubuntu@ip-172-31-15-213:~$ chmod 777 3.sh
ubuntu@ip-172-31-15-213:~$ ./3.sh
  enter the string: pop
String is palindrome
ubuntu@ip-172-31-15-213:~$ ./3.sh
  enter the string: were
String is not palindrome
ubuntu@ip-172-31-15-213:~$ cat 3.sh
read -p " enter the string:" string
if [[ $string == "$(rev <<< "$string")" ]]
then
    echo "String is palindrome"
else
    echo "String is not palindrome"
fi

```

ubuntu@ip-172-31-15-213: ~

```
ubuntu@ip-172-31-15-213:~$ nano 4.sh
ubuntu@ip-172-31-15-213:~$ chmod 777 4.sh
ubuntu@ip-172-31-15-213:~$ ./4.sh
ENter the number 345
the sum of digits 345 12
ubuntu@ip-172-31-15-213:~$ cat 4.sh
read -p "ENter the number " num
var=$num
sum=0
while [ $num -gt 0 ]
do
    k=$(( $num % 10 ))
    num=$(( $num / 10 ))
    sum=$(( $sum + $k ))
done
echo "the sum of digits $var" $sum
ubuntu@ip-172-31-15-213:~$
```

```
ubuntu@ip-172-31-15-213:~$ ./6.sh
Enter a numner
65
Enter a numner
89
154
ubuntu@ip-172-31-15-213:~$ cat 6.sh
echo "Enter a numner"
read a

echo "Enter a numner"
read b

var=$(( a+b ))
echo $var
ubuntu@ip-172-31-15-213:~$
```













