

**write a script include comments,debug and execute. Document the error faced**

```

echo "Public IP: $public_ip"
}
# Main execution
echo "Starting IP Finder Script..."
# Check if curl is installed
if ! command -v curl &> /dev/null; then
    echo "curl is not installed. Trying to install..."
    sudo apt-get update && sudo apt-get install -y curl
fi
# Check if dig is installed
if ! command -v dig &> /dev/null; then
    echo "dig is not installed. Trying to install..."
    sudo apt-get update && sudo apt-get install -y dnsutils
fi
# Run functions
find_local_ip
find_public_ip
# Disable debugging
set +x
echo "IP Finder Script completed."
~
~
~

```

write a script include comments,debug and execute. Document the error faced

```
(kali㉿kali)-[~/nithesh/network]
└─$ ls
mod.sh  network  network.sh  network.text

(kali㉿kali)-[~/nithesh/network]
└─$ vi network.sh

(kali㉿kali)-[~/nithesh/network]
└─$ chmod +x network.sh

(kali㉿kali)-[~/nithesh/network]
└─$ ./network.sh
+ echo 'Starting IP Finder Script... '
Starting IP Finder Script...
+ command -v curl
+ command -v dig
+ find_local_ip
+ echo 'Finding local IP... '
Finding local IP...
++ hostname -I
++ awk '{print $1}'
+ local_ip=192.168.2.128
+ '[' -z 192.168.2.128 ']'
+ echo 'Local IP: 192.168.2.128'
Local IP: 192.168.2.128
+ find_public_ip
+ echo 'Finding public IP... '
Finding public IP...
++ curl -s ifconfig.me
+ public_ip=152.58.231.62
+ '[' -z 152.58.231.62 ']'
+ echo 'Public IP: 152.58.231.62'
Public IP: 152.58.231.62
+ set +x
IP Finder Script completed.
```