

Gethostbyname

Introduction :

- It will give the ip address of the host if hostname is given.

Program :

```
import socket
```

```
sock = socket.socket(socket.AF_UNIX,socket.SOCK_STREAM,0)
```

```
while True:
```

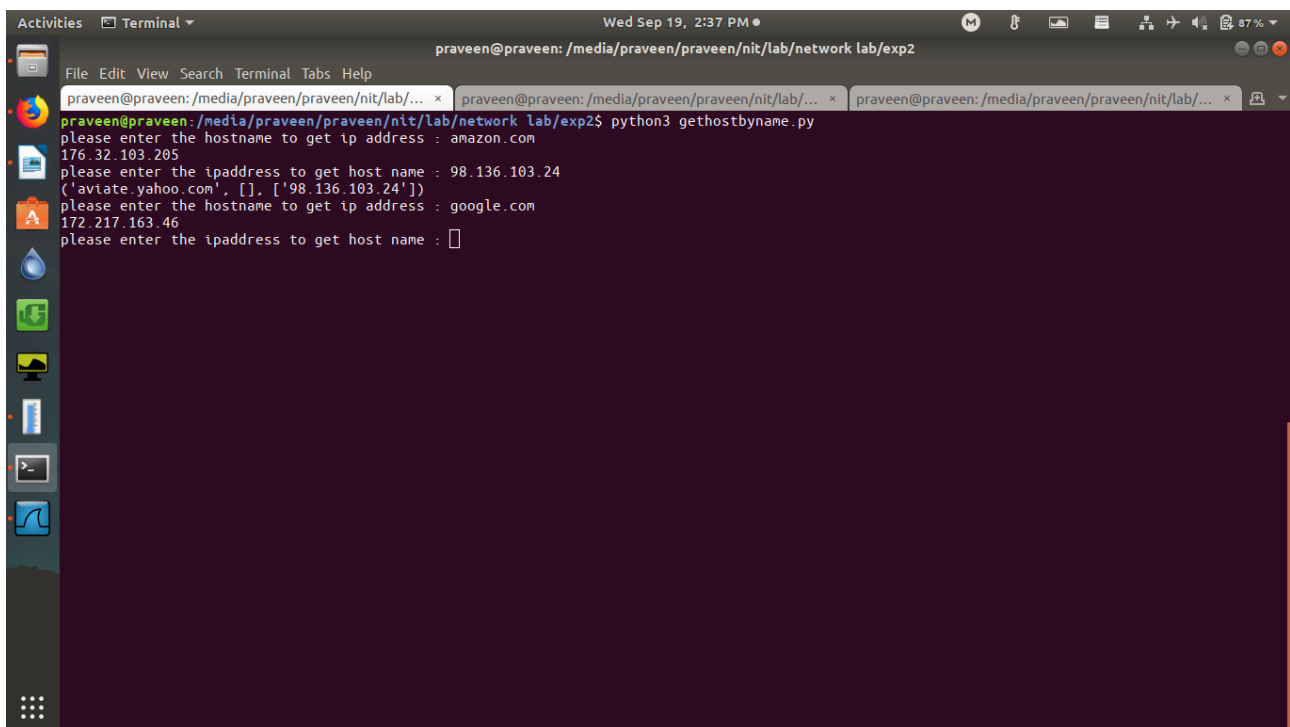
```
    hostname = input("please enter the hostname to get ip address : ")
```

```
    print(socket.gethostbyname(hostname))
```

```
    ipaddr = input("please enter the ipaddress to get host name : ")
```

```
    print(socket.gethostbyaddr(ipaddr))
```

OUTPUT :



```
praveen@praveen: /media/praveen/praveen/nit/lab/network lab/exp2
praveen@praveen: /media/praveen/praveen/nit/lab/exp2$ python3 gethostbyname.py
please enter the hostname to get ip address : amazon.com
176.32.103.205
please enter the ipaddress to get host name : 98.136.103.24
('aviate.yahoo.com', [], ['98.136.103.24'])
please enter the hostname to get ip address : google.com
172.217.163.46
please enter the ipaddress to get host name : 
```