

Practical 3

PROGRAM :

```
import socket

ip = socket.gethostbyname(socket.gethostname())

for port in range(65535):

    try:

        s = socket.socket(socket.AF_INET,socket.SOCK_STREAM)

        s.bind((ip,port))

    except:

        print('[OPEN] Port Open: ',port)

    s.close()
```

OUTPUT :

```
Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:48:24) [AMD64]
Type "help", "copyright", "credits" or "license()" for more

> = RESTART: C:\Users\wankh\Desktop\python\p3.py
[OPEN] Port Open: 135
[OPEN] Port Open: 139
[OPEN] Port Open: 445
[OPEN] Port Open: 3306
[OPEN] Port Open: 5040
[OPEN] Port Open: 33060
[OPEN] Port Open: 49664
[OPEN] Port Open: 49665
[OPEN] Port Open: 49666
[OPEN] Port Open: 49667
[OPEN] Port Open: 49668
[OPEN] Port Open: 49673
[OPEN] Port Open: 49674
[OPEN] Port Open: 49676
[OPEN] Port Open: 49678
[OPEN] Port Open: 49682
[OPEN] Port Open: 49693
[OPEN] Port Open: 60760
```

