Ex.No:10A **Date: 24/09/2024**

Roll No:231901004

Ping to test the server connectivity.

Installing Python Ping

pip install pythonping

in windows python get-pythonping.py [in run command prompt]

Python Ping (`pythonping`) is a public repository you can find on PyPI.

```
from pythonping import ping

ping('8.8.8.8')
```

simply ping Google. you won't see anything in your console if you just run this script. This is because our ping is **silent by default**, and does not print anything to screen.

If we want to see everything on-screen, we can simply use the `verbose` flag.

```
ping('8.8.8.8', verbose=True)
```

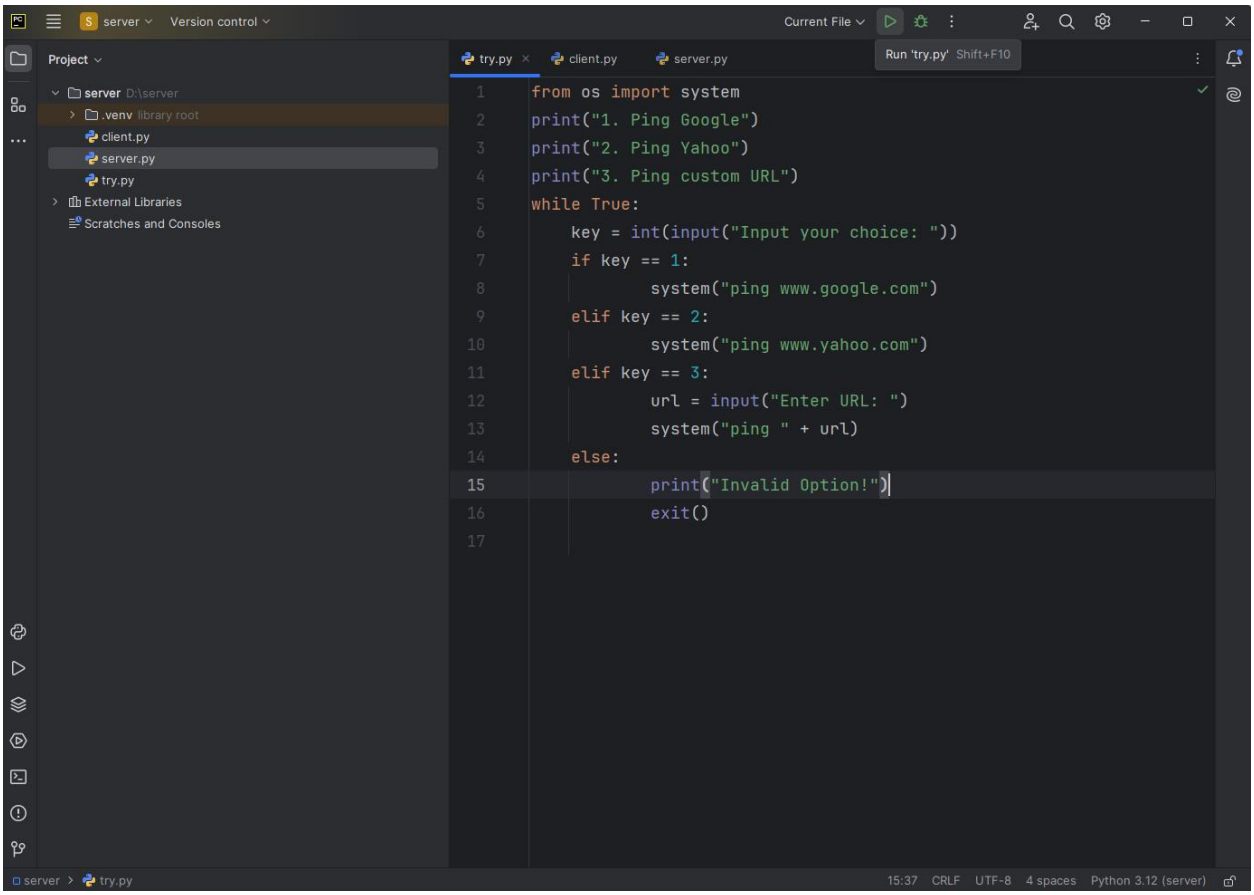
Ping to test server connectivity

How to ping a website in python

```
from os import system
print('1. Ping Google')
print('2. Ping Yahoo')
print('3. Ping custom URL')
while True:
    key = int(input('Input your choice: '))
    if key == 1:
        system("ping www.google.com")
    elif key == 2:
        system("ping www.yahoo.com")
    elif key == 3:
        url = input('Enter URL: ')
        system("ping " + url)
    else:
        print("Invalid Option!")
```

```
import os
os.system("ping google.com")
import os
```

os.system('ping 127.0.0.1')



Result:

Thus, the server connectivity experiment using ping was done.