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## **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**

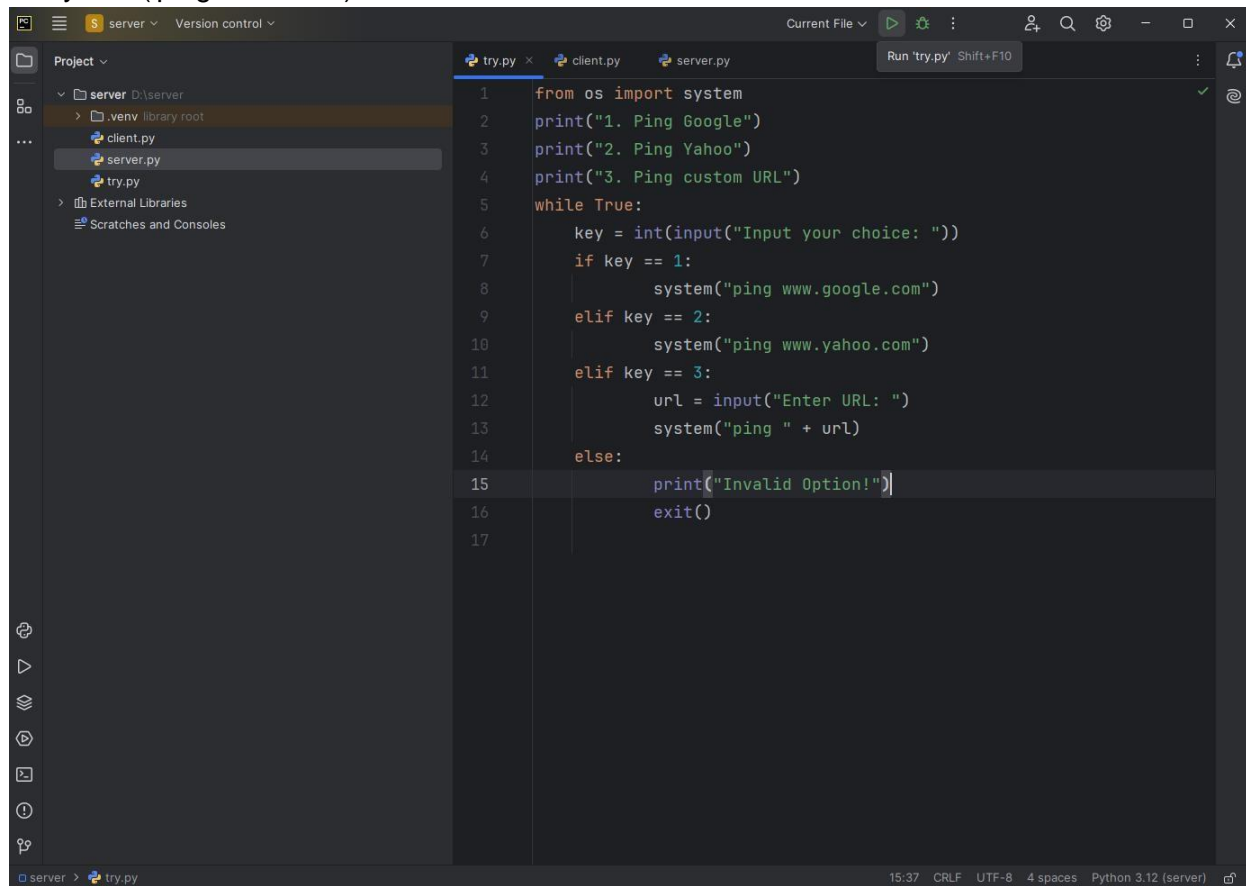
### **How to ping a website in python**

```
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')



The screenshot shows a code editor with a dark theme. On the left, a project explorer shows a folder named 'server' containing files 'client.py', 'server.py', and 'try.py'. The main editor area displays the code for 'try.py'. The code is a Python script that imports the 'system' function from the 'os' module. It prints three options: '1. Ping Google', '2. Ping Yahoo', and '3. Ping custom URL'. A 'while True' loop follows, where the user is prompted to 'Input your choice: '. Depending on the choice (1, 2, or 3), it calls 'system()' with 'ping www.google.com', 'ping www.yahoo.com', or a user-provided URL. If the choice is invalid, it prints 'Invalid Option!' and exits the loop. The status bar at the bottom indicates the file is 'try.py' in the 'server' project, using Python 3.12, with CRLF line endings, UTF-8 encoding, and 4 spaces for indentation.

```
1 from os import system
2 print("1. Ping Google")
3 print("2. Ping Yahoo")
4 print("3. Ping custom URL")
5 while True:
6     key = int(input("Input your choice: "))
7     if key == 1:
8         system("ping www.google.com")
9     elif key == 2:
10        system("ping www.yahoo.com")
11    elif key == 3:
12        url = input("Enter URL: ")
13        system("ping " + url)
14    else:
15        print("Invalid Option!")
16        exit()
17
```

## Result:

Thus, the server connectivity experiment using ping was done.