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Date: 24/09/2024

## 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

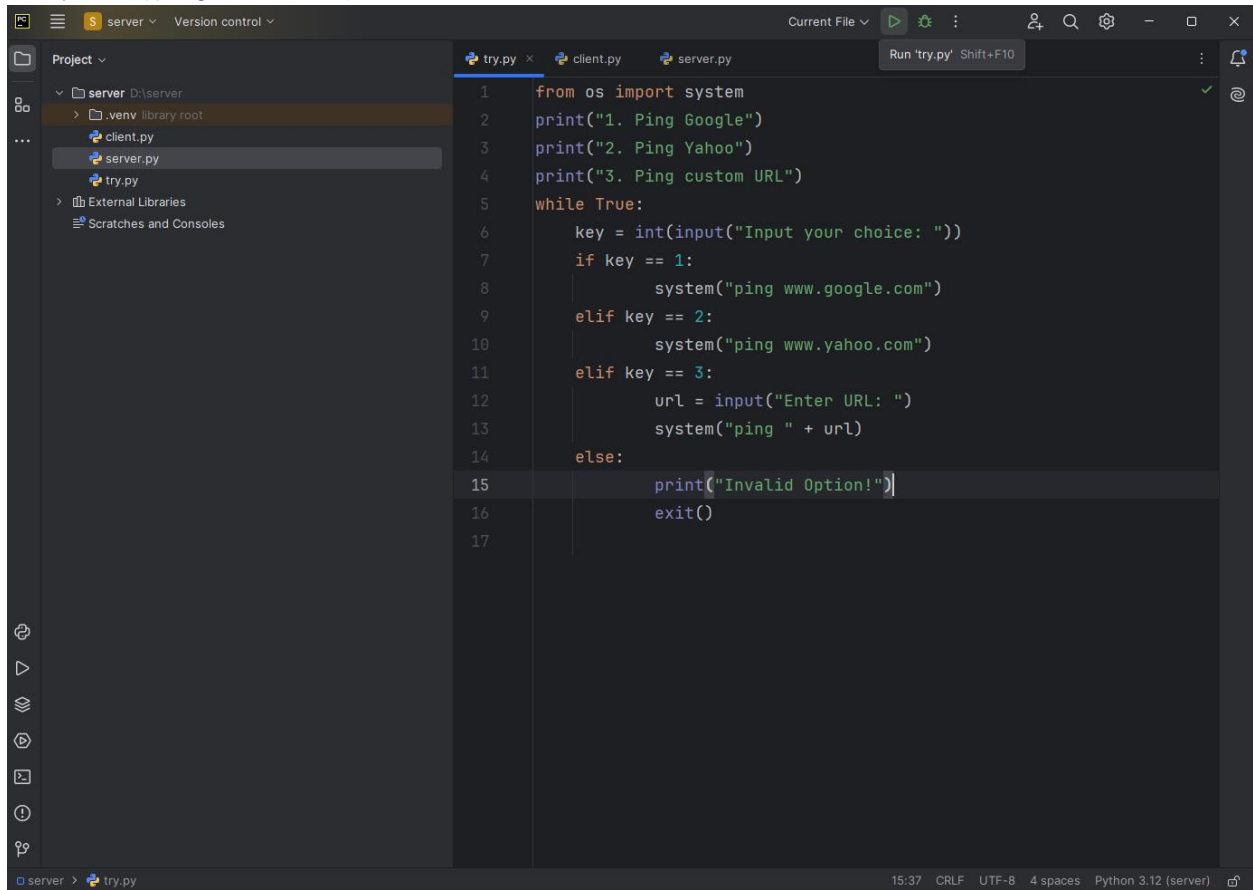
### How to ping a website in python

```
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 'try.py' file is selected. 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'. It then enters a 'while True' loop. Inside the loop, it prompts the user to 'Input your choice: ' and reads the input into a variable 'key'. It uses an 'if-elif-else' structure to handle the input: if 'key' is 1, it runs 'system("ping www.google.com")'; if 'key' is 2, it runs 'system("ping www.yahoo.com")'; if 'key' is 3, it prompts for a URL and runs 'system("ping " + url)'; otherwise, it prints 'Invalid Option!'. The loop ends with 'exit()'. The status bar at the bottom indicates the file is 'try.py' in the 'server' project, with a timestamp of 15:37, encoding of CRLF, UTF-8, 4 spaces, and Python 3.12 (server).

```
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.