

EXPERIMENT – 13

AIM: - Implement your own ping program.

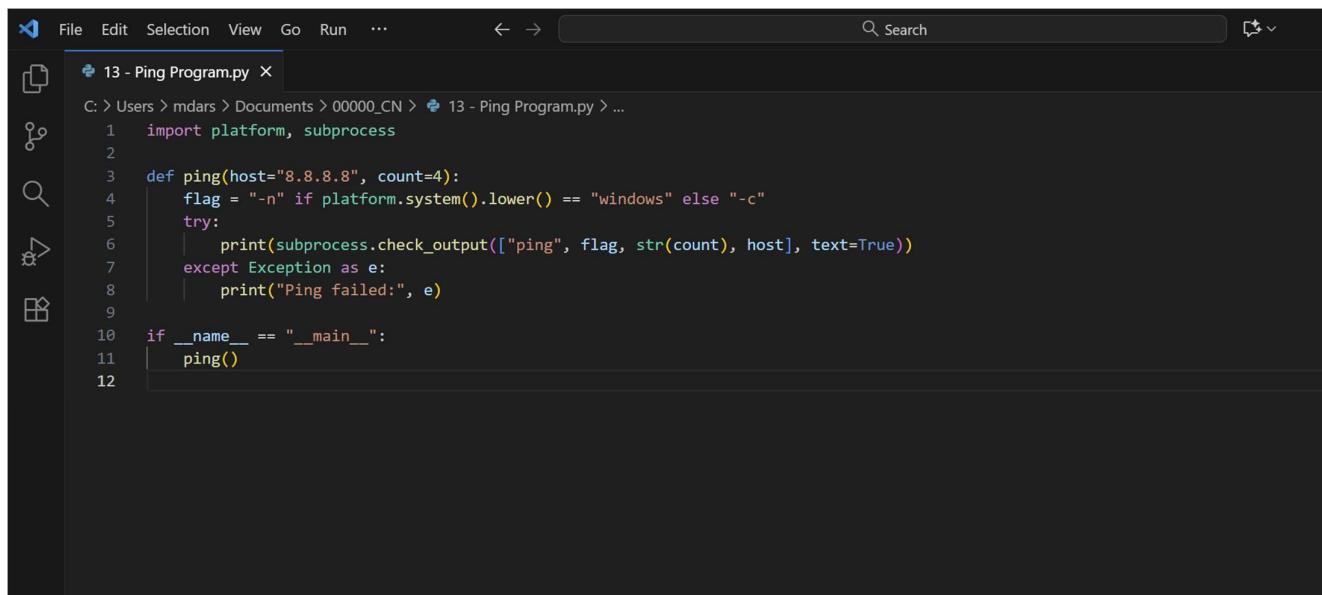
CODE:

```
import platform, subprocess

def ping(host="8.8.8.8", count=4):
    flag = "-n" if platform.system().lower() == "windows" else "-c"
    try:
        print(subprocess.check_output(["ping", flag, str(count), host], text=True))
    except Exception as e:
        print("Ping failed:", e)

if __name__ == "__main__":
    ping()
```

OUTPUT: -



The screenshot shows a code editor window with a dark theme. The title bar says "13 - Ping Program.py". The left sidebar has icons for file operations like Open, Save, and Run. The main area displays the following Python code:

```
File Edit Selection View Go Run ... ← → Search
13 - Ping Program.py ×
C: > Users > mdars > Documents > 00000_CN > 13 - Ping Program.py > ...
1 import platform, subprocess
2
3 def ping(host="8.8.8.8", count=4):
4     flag = "-n" if platform.system().lower() == "windows" else "-c"
5     try:
6         print(subprocess.check_output(["ping", flag, str(count), host], text=True))
7     except Exception as e:
8         print("Ping failed:", e)
9
10 if __name__ == "__main__":
11     ping()
12
```

```
[-] Command Prompt      X + V
Microsoft Windows [Version 10.0.26200.7019]
(c) Microsoft Corporation. All rights reserved.
The system cannot find the path specified.

C:\Users\mdars>ping www.google.com

Pinging www.google.com [2404:6800:4007:835::2004] with 32 bytes of data:
Reply from 2404:6800:4007:835::2004: time=6ms
Reply from 2404:6800:4007:835::2004: time=9ms
Reply from 2404:6800:4007:835::2004: time=5ms
Reply from 2404:6800:4007:835::2004: time=6ms

Ping statistics for 2404:6800:4007:835::2004:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 5ms, Maximum = 9ms, Average = 6ms
```

RESULT: -

Implemented my own ping program.