EXPERIMENT – 13

AIM: **-** Implement your own ping program.

CODE:

```python
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()
```
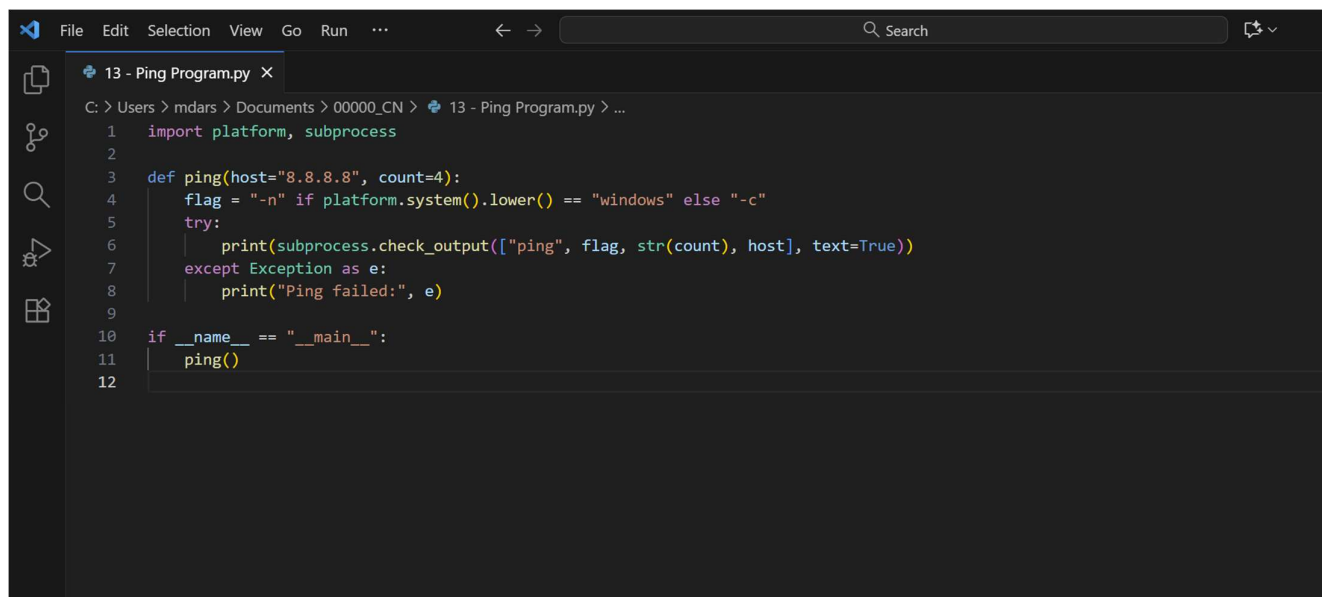
OUTPUT: -

```
Command Prompt                    ×    +   ∨

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.