

# Practical Work 1

Linh Duong

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- Check if usth.edu.vn is up or not with ping (5 times only)

```
[Linhs-MacBook-Pro:network2018 linhtynny$ ping usth.edu.vn
PING usth.edu.vn (104.27.160.15): 56 data bytes
64 bytes from 104.27.160.15: icmp_seq=0 ttl=54 time=24.501 ms
64 bytes from 104.27.160.15: icmp_seq=1 ttl=54 time=28.594 ms
64 bytes from 104.27.160.15: icmp_seq=2 ttl=54 time=34.340 ms
64 bytes from 104.27.160.15: icmp_seq=3 ttl=54 time=35.722 ms
64 bytes from 104.27.160.15: icmp_seq=4 ttl=54 time=48.664 ms
64 bytes from 104.27.160.15: icmp_seq=5 ttl=54 time=33.391 ms
^C
--- usth.edu.vn ping statistics ---
6 packets transmitted, 6 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 24.501/34.202/48.664/7.502 ms
```

- Use traceroute tool to find the route to usth.edu.vn

```
[Linhs-MacBook-Pro:network2018 linhtynny$ traceroute usth.edu.vn
traceroute: Warning: usth.edu.vn has multiple addresses; using 104.27.160.15
traceroute to usth.edu.vn (104.27.160.15), 64 hops max, 52 byte packets
 1 192.168.10.10 (192.168.10.10) 248.368 ms 27.982 ms 27.670 ms
 2 * ci96.120-46.netnam.vn (101.96.120.46) 255.783 ms 109.009 ms
 3 static.netnam.vn (119.17.219.78) 25.880 ms
   static.netnam.vn (119.17.219.74) 4.121 ms 6.146 ms
 4 static.netnam.vn (119.17.219.13) 6.567 ms
   static.netnam.vn (119.17.219.17) 14.114 ms 2.546 ms
 5 203.113.156.25 (203.113.156.25) 2.541 ms
   static.netnam.vn (119.17.219.14) 41.367 ms
   203.113.156.25 (203.113.156.25) 53.982 ms
 6 * static.netnam.vn (119.17.219.21) 62.546 ms
   localhost (27.68.229.49) 91.896 ms
 7 localhost (27.68.240.250) 140.506 ms
   203.113.156.25 (203.113.156.25) 80.332 ms 102.115 ms
 8 13335.hkg.equinox.com (119.27.63.48) 60.565 ms 50.537 ms 24.698 ms
 9 localhost (27.68.240.62) 244.389 ms
   104.27.160.15 (104.27.160.15) 27.539 ms
   localhost (27.68.240.98) 799.436 ms
[Linhs-MacBook-Pro:network2018 linhtynny$ ping usth.edu.vn
```