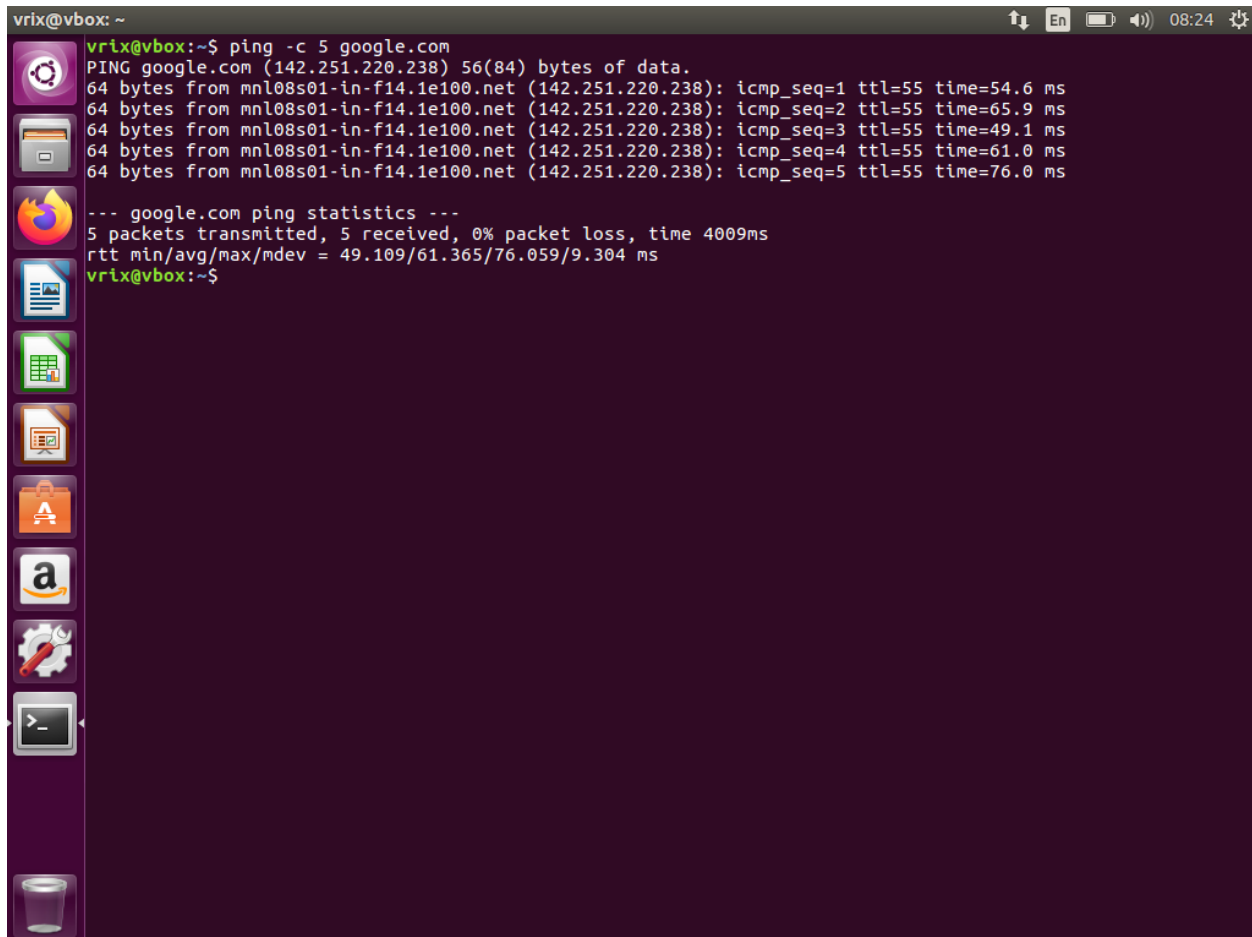


- Results of ping command for five (5) of your favorite web websites (Press Ctrl + C to interrupt). For this activity I used these five (5) websites:
  - **Google.com**
  - **Facebook.com**
  - **Microsoft.com**
  - **HackTheBox.com**
  - **Replit.com**

For **Google.com**

A screenshot of a terminal window titled 'vrix@vbox: ~'. The terminal shows the execution of the command 'ping -c 5 google.com'. The output displays five successful ping responses from 'mnl08s01-in-f14.1e100.net' (142.251.220.238) with varying times (54.6 ms to 76.0 ms). Below the individual responses, it shows '--- google.com ping statistics ---' and summary statistics: '5 packets transmitted, 5 received, 0% packet loss, time 4009ms' and 'rtt min/avg/max/mdev = 49.109/61.365/76.059/9.304 ms'. The prompt 'vrix@vbox:~\$' is visible at the bottom. On the left side of the terminal window, there is a vertical dock with various application icons including a gear, a folder, a web browser, a document, a calendar, a presentation, a shopping bag, an Amazon logo, a settings gear, a terminal icon, and a trash can. The top right of the window shows system status icons for network, language (En), battery, and time (08:24).

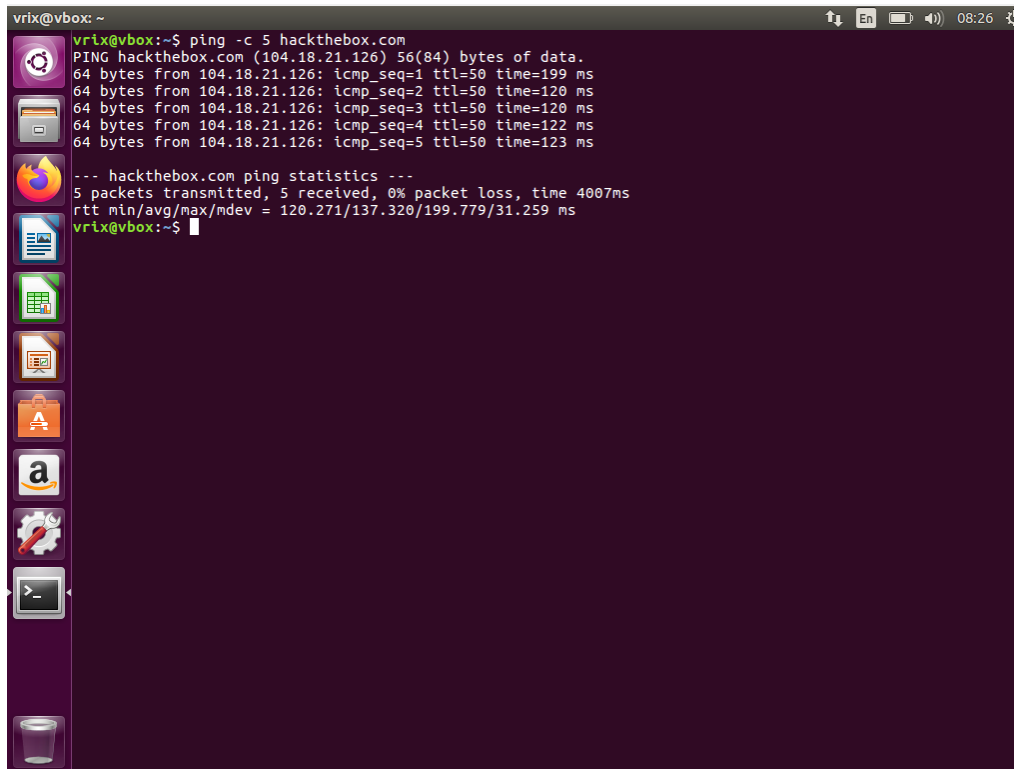
## For Facebook.com

```
vr1x@vbox: ~  
vr1x@vbox:~$ ping -c 5 facebook.com  
PING facebook.com (163.70.131.35) 56(84) bytes of data.  
64 bytes from edge-star-mini-shv-01-mnl1.facebook.com (163.70.131.35): icmp_seq=1 ttl=52 time=267 ms  
64 bytes from edge-star-mini-shv-01-mnl1.facebook.com (163.70.131.35): icmp_seq=2 ttl=52 time=63.4 ms  
64 bytes from edge-star-mini-shv-01-mnl1.facebook.com (163.70.131.35): icmp_seq=3 ttl=52 time=56.8 ms  
64 bytes from edge-star-mini-shv-01-mnl1.facebook.com (163.70.131.35): icmp_seq=4 ttl=52 time=54.2 ms  
64 bytes from edge-star-mini-shv-01-mnl1.facebook.com (163.70.131.35): icmp_seq=5 ttl=52 time=49.2 ms  
  
--- facebook.com ping statistics ---  
5 packets transmitted, 5 received, 0% packet loss, time 4019ms  
rtt min/avg/max/mdev = 49.238/98.312/267.808/84.872 ms  
vr1x@vbox:~$
```

## For Microsoft.com

```
vr1x@vbox: ~  
vr1x@vbox:~$ ping -c 5 microsoft.com  
PING microsoft.com (20.76.201.171) 56(84) bytes of data.  
64 bytes from 20.76.201.171: icmp_seq=1 ttl=107 time=341 ms  
64 bytes from 20.76.201.171: icmp_seq=2 ttl=107 time=465 ms  
64 bytes from 20.76.201.171: icmp_seq=3 ttl=107 time=384 ms  
64 bytes from 20.76.201.171: icmp_seq=4 ttl=107 time=319 ms  
64 bytes from 20.76.201.171: icmp_seq=5 ttl=107 time=330 ms  
  
--- microsoft.com ping statistics ---  
5 packets transmitted, 5 received, 0% packet loss, time 4009ms  
rtt min/avg/max/mdev = 319.623/368.440/465.943/53.552 ms  
vr1x@vbox:~$
```

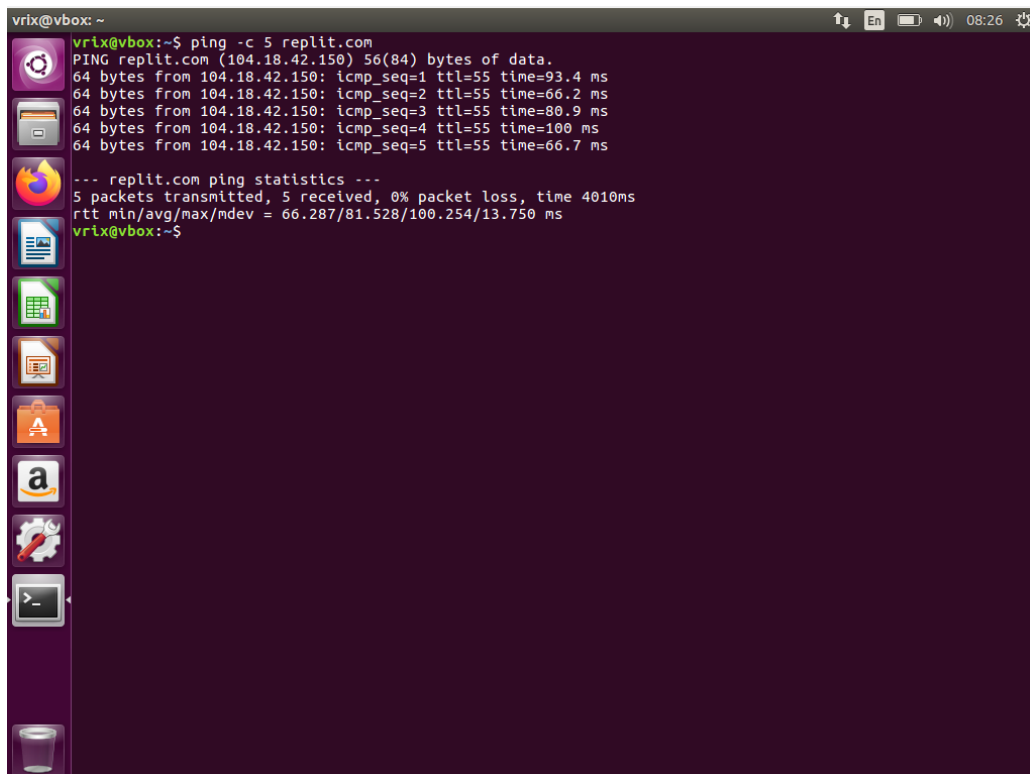
## For HackTheBox.com



A terminal window titled 'vrix@vbox: ~' with a dark purple background. The window shows the execution of a ping command to 'hackthebox.com'. The output displays five successful ping requests with varying response times. Below the individual results, a summary line shows '5 packets transmitted, 5 received, 0% packet loss, time 4007ms'. The window includes a sidebar with application icons and a top status bar showing system icons and the time '08:26'.

```
vrix@vbox: ~  
vrix@vbox:~$ ping -c 5 hackthebox.com  
PING hackthebox.com (104.18.21.126) 56(84) bytes of data.  
64 bytes from 104.18.21.126: icmp_seq=1 ttl=50 time=199 ms  
64 bytes from 104.18.21.126: icmp_seq=2 ttl=50 time=120 ms  
64 bytes from 104.18.21.126: icmp_seq=3 ttl=50 time=120 ms  
64 bytes from 104.18.21.126: icmp_seq=4 ttl=50 time=122 ms  
64 bytes from 104.18.21.126: icmp_seq=5 ttl=50 time=123 ms  
  
--- hackthebox.com ping statistics ---  
5 packets transmitted, 5 received, 0% packet loss, time 4007ms  
rtt min/avg/max/mdev = 120.271/137.320/199.779/31.259 ms  
vrix@vbox:~$
```

## For Replit.com



A terminal window titled 'vrix@vbox: ~' with a dark purple background. The window shows the execution of a ping command to 'replit.com'. The output displays five successful ping requests with varying response times. Below the individual results, a summary line shows '5 packets transmitted, 5 received, 0% packet loss, time 4010ms'. The window includes a sidebar with application icons and a top status bar showing system icons and the time '08:26'.

```
vrix@vbox: ~  
vrix@vbox:~$ ping -c 5 replit.com  
PING replit.com (104.18.42.150) 56(84) bytes of data.  
64 bytes from 104.18.42.150: icmp_seq=1 ttl=55 time=93.4 ms  
64 bytes from 104.18.42.150: icmp_seq=2 ttl=55 time=66.2 ms  
64 bytes from 104.18.42.150: icmp_seq=3 ttl=55 time=80.9 ms  
64 bytes from 104.18.42.150: icmp_seq=4 ttl=55 time=100 ms  
64 bytes from 104.18.42.150: icmp_seq=5 ttl=55 time=66.7 ms  
  
--- replit.com ping statistics ---  
5 packets transmitted, 5 received, 0% packet loss, time 4010ms  
rtt min/avg/max/mdev = 66.287/81.528/100.254/13.750 ms  
vrix@vbox:~$
```

- Results of tracepath command for five (5) of your favorite web sites

## For Google.com

```
vrix@vbox: ~  
vrix@vbox:~$ tracepath google.com  
17: [LOCALHOST] pmtu 1500  
1: 192.168.43.1 4.527ms  
1: 192.168.43.1 4.022ms  
2: no reply  
3: 10.22.71.233 105.426ms  
4: 10.22.77.209 108.529ms  
5: no reply  
6: 10.22.71.235 144.382ms  
7: aua.httpint.globe.com.ph 162.326ms  
8: no reply  
9: 142.250.174.150 216.174ms asymm 10  
10: no reply  
11: no reply  
12: no reply  
13: no reply  
^C  
vrix@vbox:~$
```

## For Facebook.com

```
vrix@vbox: ~  
vrix@vbox:~$ tracepath facebook.com  
17: [LOCALHOST] pmtu 1500  
1: 192.168.43.1 4.721ms  
1: 192.168.43.1 3.233ms  
2: no reply  
3: 10.22.71.233 73.799ms  
4: 10.22.77.198 44.345ms  
5: no reply  
6: 10.22.71.235 150.333ms  
7: aua.httpint.globe.com.ph 341.721ms  
8: no reply  
9: no reply  
10: no reply  
^C  
vrix@vbox:~$
```

## For Microsoft.com

```
vrix@vbox: ~  
vrix@vbox:~$ tracepath microsoft.com  
17: [LOCALHOST] pmtu 1500  
1: 192.168.43.1 4.938ms  
1: 192.168.43.1 4.498ms  
2: no reply  
3: 10.22.72.233 334.241ms  
4: 10.22.78.8 159.551ms  
5: no reply  
6: 10.22.71.235 593.027ms  
7: aua.httpint.globe.com.ph 206.292ms  
8: no reply  
9: no reply  
10: ae87-0.ier01.hkg30.ntwk.msn.net 316.652ms  
11: ae24-0.icr01.hkg20.ntwk.msn.net 129.607ms  
12: be-120-0.ibr02.hkg20.ntwk.msn.net 431.020ms asymm 28  
13: be-3-0.ibr02.sin30.ntwk.msn.net 541.984ms asymm 31  
14: no reply  
15: be-23-0.ibr02.mrs20.ntwk.msn.net 804.278ms asymm 33  
16: be-17-0.ibr02.bio70.ntwk.msn.net 509.932ms asymm 25  
17: be-3-0.ibr03.orf70.ntwk.msn.net 437.812ms asymm 29  
18: be-3-0.ibr01.pus03.ntwk.msn.net 639.692ms asymm 25  
19: ae144-0.icr03.bl20.ntwk.msn.net 420.171ms asymm 22  
20: 104.44.49.26 696.745ms asymm 24  
21: no reply  
22: ae162-0.icr02.bl20.ntwk.msn.net 498.565ms  
23: no reply  
24: no reply  
25: no reply  
^C  
vrix@vbox:~$
```

## For HackTheBox.com

```
vrix@vbox: ~  
vrix@vbox:~$ tracepath hackthebox.com  
17: [LOCALHOST] pmtu 1500  
1: 192.168.43.1 3.911ms  
1: 192.168.43.1 4.614ms  
2: no reply  
3: 10.22.71.233 120.586ms  
4: 10.22.77.218 104.852ms  
5: no reply  
6: 10.22.71.235 121.692ms  
7: aua.httpint.globe.com.ph 160.176ms  
8: no reply  
9: no reply  
10: 210.171.224.134 205.292ms asymm 12  
11: 103.22.201.21 298.992ms asymm 15  
12: no reply  
13: no reply  
14: no reply  
15: no reply  
^C  
vrix@vbox:~$
```

## For Replit.com

```
vr1x@vbox: ~  
vr1x@vbox:~$ tracepath replit.com  
1?: [LOCALHOST] pmtu 1500  
1: 192.168.43.1 5.625ms  
1: 192.168.43.1 4.772ms  
2: no reply  
3: 10.22.72.233 123.112ms  
4: 10.22.78.19 117.150ms  
5: no reply  
6: 10.22.72.235 134.573ms  
7: aua.httpint.globe.com.ph 241.304ms  
8: no reply  
9: 120.28.4.46 538.382ms  
10: no reply  
11: no reply  
12: no reply  
^C  
vr1x@vbox:~$
```

- Result of running **netstat -ie**

```
vr1x@vbox: ~  
vr1x@vbox:~$ netstat -ie  
Kernel Interface table  
enp0s3 Link encap:Ethernet HWaddr 08:00:27:7a:1a:ef  
inet addr:192.168.43.78 Bcast:192.168.43.255 Mask:255.255.255.0  
inet6 addr: fe80::b31c:daba:fbdb:75f9/64 Scope:Link  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
RX packets:363 errors:0 dropped:0 overruns:0 frame:0  
TX packets:357 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:1000  
RX bytes:66048 (66.0 KB) TX bytes:264708 (264.7 KB)  
  
lo Link encap:Local Loopback  
inet addr:127.0.0.1 Mask:255.0.0.0  
inet6 addr: ::1/128 Scope:Host  
UP LOOPBACK RUNNING MTU:65536 Metric:1  
RX packets:152 errors:0 dropped:0 overruns:0 frame:0  
TX packets:152 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:1000  
RX bytes:13575 (13.5 KB) TX bytes:13575 (13.5 KB)  
  
vr1x@vbox:~$
```

- Result of running **netstat -r**

```
Terminal File Edit View Search Terminal Help
vrix@vbox:~$ netstat -r
Kernel IP routing table
Destination Gateway Genmask Flags MSS Window irtt
Iface
default 192.168.43.1 0.0.0.0 UG 0 0 0
enp0s3
link-local * 255.255.0.0 U 0 0 0
enp0s3
192.168.43.0 * 255.255.255.0 U 0 0 0
enp0s3
vrix@vbox:~$
```

- Results of wget command for five (5) of your favorite web sites

For **Google.com**

```
Terminal File Edit View Search Terminal Help
vrix@vbox:~$ wget google.com
--2024-05-06 08:44:38-- http://google.com/
Resolving google.com (google.com)... 142.251.220.174, 2404:6800:4017:801::200e
Connecting to google.com (google.com)[142.251.220.174]:80... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: http://www.google.com/ [following]
--2024-05-06 08:44:38-- http://www.google.com/
Resolving www.google.com (www.google.com)... 142.251.220.164, 2404:6800:4017:801::2004
Connecting to www.google.com (www.google.com)[142.251.220.164]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: 'index.html'

index.html [ <=> ] 19.70K 64.0KB/s in 0.3s

2024-05-06 08:44:39 (64.0 KB/s) - 'index.html' saved [20172]
vrix@vbox:~$
```

## For Facebook.com

```
vrix@vbox: ~  
vrix@vbox:~$ wget facebook.com  
--2024-05-06 08:45:08-- http://facebook.com/  
Resolving facebook.com (facebook.com)... 163.70.131.35, 2a03:2880:f17e:82:face:b00c:0:25de  
Connecting to facebook.com (facebook.com)|163.70.131.35|:80... connected.  
HTTP request sent, awaiting response... 301 Moved Permanently  
Location: https://facebook.com/ [following]  
--2024-05-06 08:45:08-- https://facebook.com/  
Connecting to facebook.com (facebook.com)|163.70.131.35|:443... connected.  
HTTP request sent, awaiting response... 301 Moved Permanently  
Location: https://www.facebook.com/ [following]  
--2024-05-06 08:45:09-- https://www.facebook.com/  
Resolving www.facebook.com (www.facebook.com)... 163.70.131.35, 2a03:2880:f17e:82:face:b00c:0:25de  
Connecting to www.facebook.com (www.facebook.com)|163.70.131.35|:443... connected.  
HTTP request sent, awaiting response... 302 Found  
Location: https://www.facebook.com/unsupportedbrowser [following]  
--2024-05-06 08:45:10-- https://www.facebook.com/unsupportedbrowser  
Reusing existing connection to www.facebook.com:443.  
HTTP request sent, awaiting response... 302 Found  
Location: https://web.facebook.com/unsupportedbrowser?_rdc=1&_rdr [following]  
--2024-05-06 08:45:10-- https://web.facebook.com/unsupportedbrowser?_rdc=1&_rdr  
Resolving web.facebook.com (web.facebook.com)... 163.70.131.20, 2a03:2880:f097:14:face:b00c:0:2  
Connecting to web.facebook.com (web.facebook.com)|163.70.131.20|:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified [text/html]  
Saving to: 'index.html.1'  
  
index.html.1 [ <=> ] 46.39K 38.1KB/s in 1.2s  
  
2024-05-06 08:45:12 (38.1 KB/s) - 'index.html.1' saved [47508]  
  
vrix@vbox:~$
```

## For Microsoft.com

```
vrix@vbox: ~  
vrix@vbox:~$ wget microsoft.com  
--2024-05-06 08:45:44-- http://microsoft.com/  
Resolving microsoft.com (microsoft.com)... 20.76.201.171, 20.231.239.246, 20.112.250.133, ...  
Connecting to microsoft.com (microsoft.com)|20.76.201.171|:80... connected.  
HTTP request sent, awaiting response... 301 Moved Permanently  
Location: https://www.microsoft.com/ [following]  
--2024-05-06 08:45:45-- https://www.microsoft.com/  
Resolving www.microsoft.com (www.microsoft.com)... 23.210.197.172, 2001:fe0:10:681::356e, 2001:fe0:10:680::356e, ...  
Connecting to www.microsoft.com (www.microsoft.com)|23.210.197.172|:443... connected.  
HTTP request sent, awaiting response... 403 Forbidden  
2024-05-06 08:45:46 ERROR 403: Forbidden.  
  
vrix@vbox:~$
```



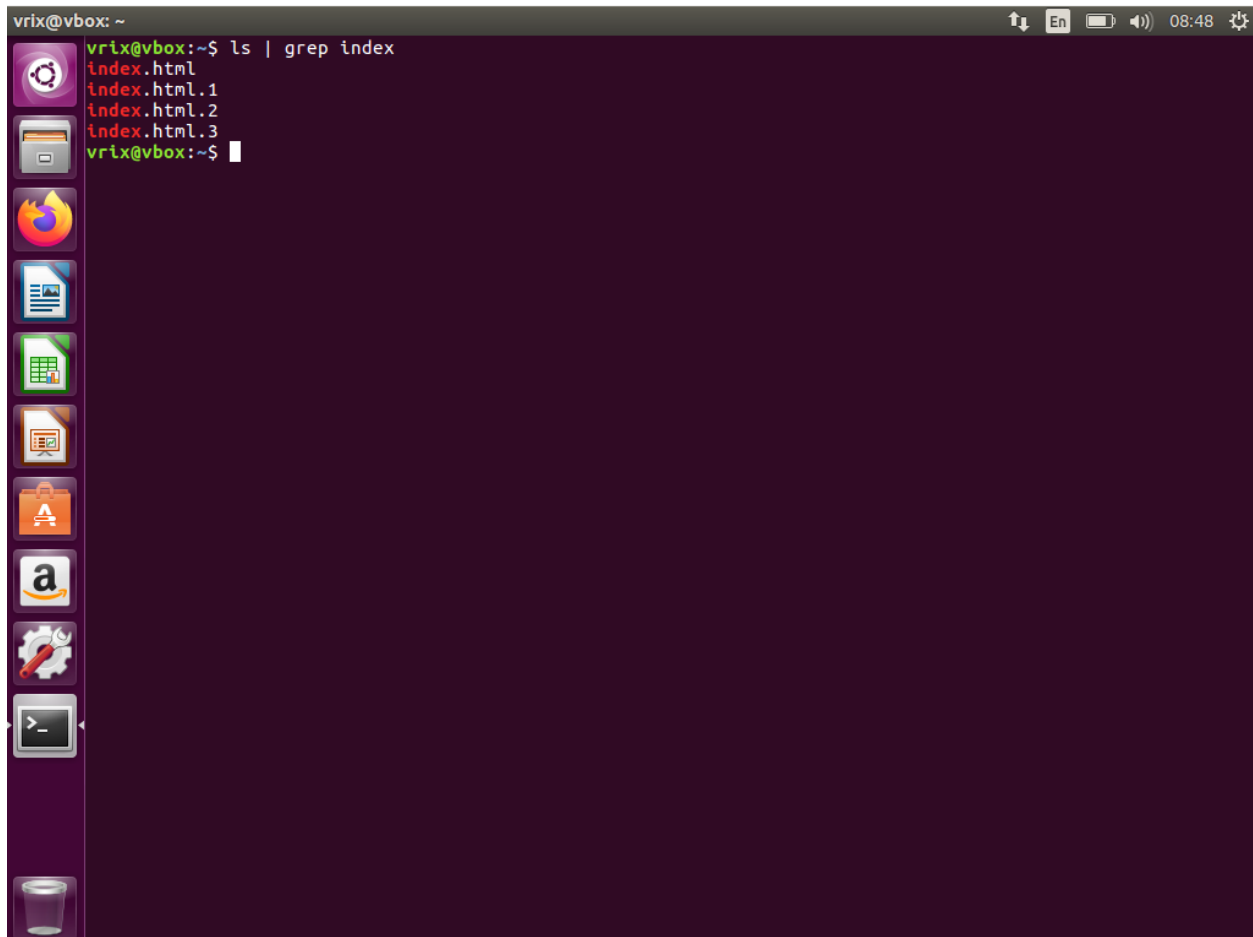
## For HackTheBox.com

```
vrix@vbox: ~  
vrix@vbox:~$ wget hackthebox.com  
--2024-05-06 08:46:56-- http://hackthebox.com/  
Resolving hackthebox.com (hackthebox.com)... 104.18.20.126, 104.18.21.126, 2606:4700::6812:147e, ...  
Connecting to hackthebox.com (hackthebox.com)|104.18.20.126|:80... connected.  
HTTP request sent, awaiting response... 302 Moved Temporarily  
Location: https://www.hackthebox.com/ [following]  
--2024-05-06 08:46:56-- https://www.hackthebox.com/  
Resolving www.hackthebox.com (www.hackthebox.com)... 104.18.21.126, 104.18.20.126, 2606:4700::6812:157e, ...  
Connecting to www.hackthebox.com (www.hackthebox.com)|104.18.21.126|:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified [text/html]  
Saving to: 'index.html.2'  
  
index.html.2 [ <=> ] 94.25K 17.8KB/s in 5.3s  
2024-05-06 08:47:04 (17.8 KB/s) - 'index.html.2' saved [96516]  
vrix@vbox:~$
```

## For Replit.com

```
vrix@vbox: ~  
vrix@vbox:~$ wget replit.com  
--2024-05-06 08:47:28-- http://replit.com/  
Resolving replit.com (replit.com)... 172.64.145.106, 104.18.42.150, 2606:4700:4400::ac40:916a, ...  
Connecting to replit.com (replit.com)|172.64.145.106|:80... connected.  
HTTP request sent, awaiting response... 301 Moved Permanently  
Location: https://replit.com/ [following]  
--2024-05-06 08:47:28-- https://replit.com/  
Connecting to replit.com (replit.com)|172.64.145.106|:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified [text/html]  
Saving to: 'index.html.3'  
  
index.html.3 [ <=> ] 210.48K 17.8KB/s in 12s  
2024-05-06 08:47:42 (17.8 KB/s) - 'index.html.3' saved [215527]  
vrix@vbox:~$
```

- This is the supposed result of doing the **wget** command with the five (5) favorite websites in the terminal.
  - There should be five (5) html index files in the home directory.

A terminal window titled 'vrix@vbox: ~' with a dark purple background. The window shows the command 'ls | grep index' and its output: 'index.html', 'index.html.1', 'index.html.2', 'index.html.3', and 'index.html.4'. The window has a sidebar on the left with various application icons and a top bar with system status icons and the time '08:48'.

```
vrix@vbox: ~  
vrix@vbox:~$ ls | grep index  
index.html  
index.html.1  
index.html.2  
index.html.3  
index.html.4  
vrix@vbox:~$
```