Hands-On Project 9-7

1. I'm logged into my Windows 10 computer. I open the command prompt and load a website.
2. I type in *ipconfig /displaydns* to see the DNS resolver cache, and then I type in *ipconfig /flushdns* to delete.

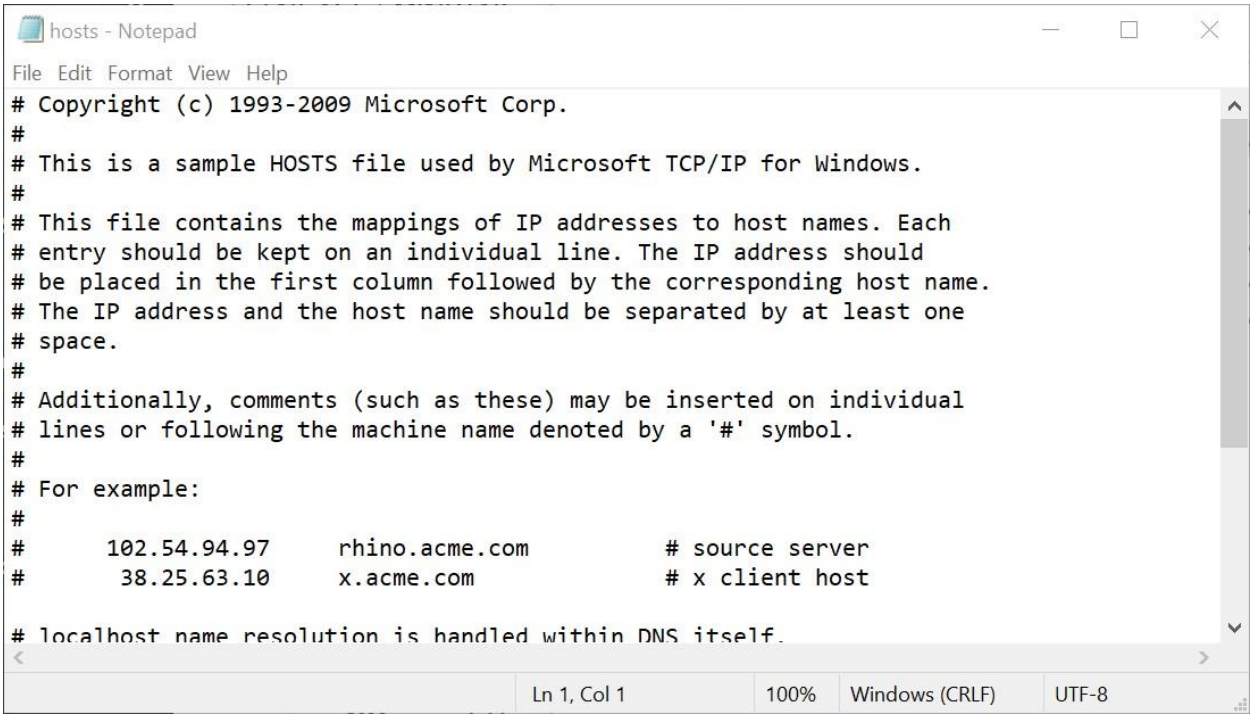
```
C:\Users\shaul>
C:\Users\shaul>ipconfig /displaydns
```

```
C:\Users\shaul>ipconfig /flushdns

Windows IP Configuration

Successfully flushed the DNS Resolver Cache.
```

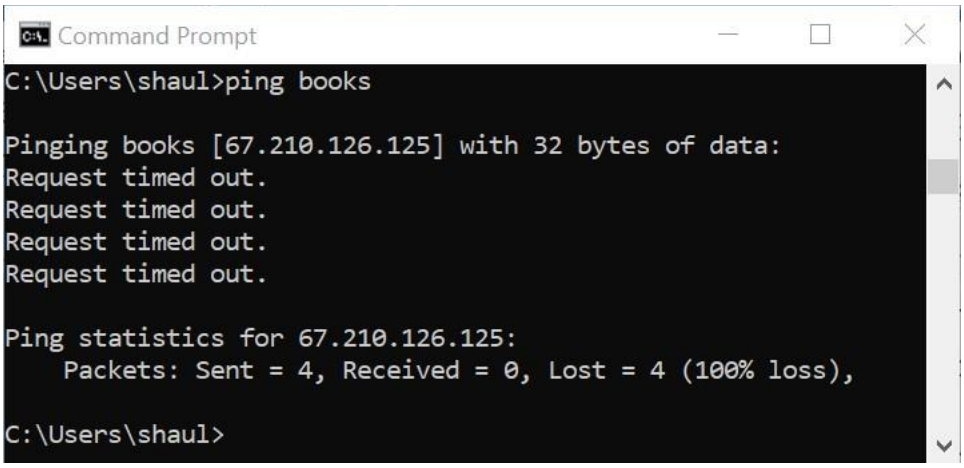
3. I perform a DNS lookup for Cengage's website.

```
C:\Users\shaul>ping www.cengage.com

Pinging cmp-commerce-prod-public-408906920.us-east-1.elb.amazonaws.com [34.196.188.19] with 32 bytes of data:
```

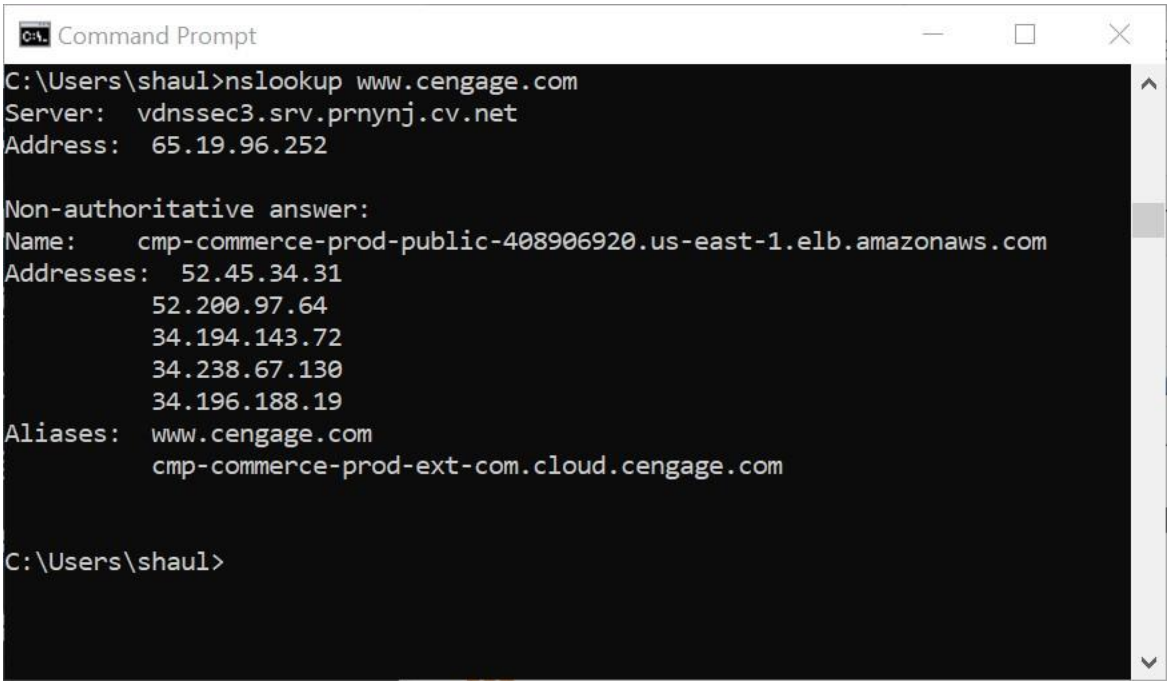
4. I open the *hosts* file using Notepad.



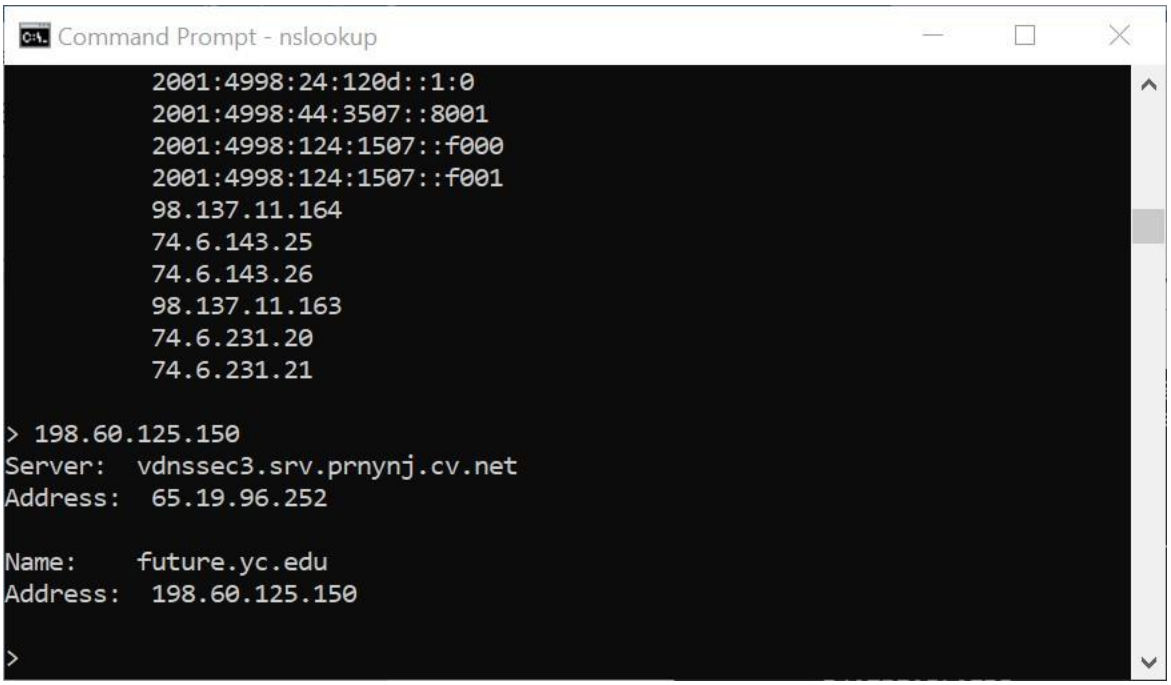
5. I add "67.210.126.125 books" to the end of the file and save a copy of it to my desktop.
6. I copy the new file to folder of the original.
7. I display my cache, use ping on books, delete the cache, and display it again. I notice that the books entry remains.



8. I use the *nslookup* command on Cengage's website.



9. I use the *nslookup* command and try Yahoo's website a few times. The IP addresses come up in different orders each time I try.
10. I type in the following IP address: 198.60.125.150. The host name of the website is returned.



11. I have also learned that I can change the server used by *nslookup*. For example, I can type in server 8.8.8.8 to use a server run by Google.