Lesson 1: What is the Internet?
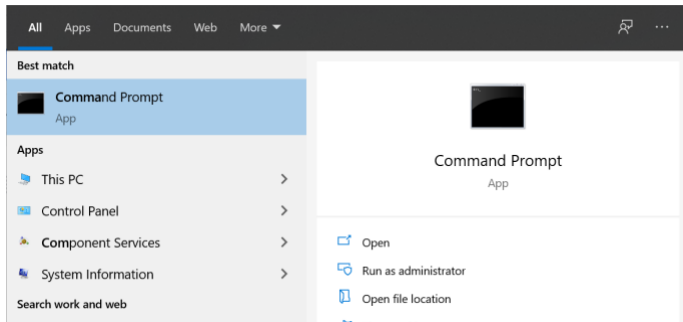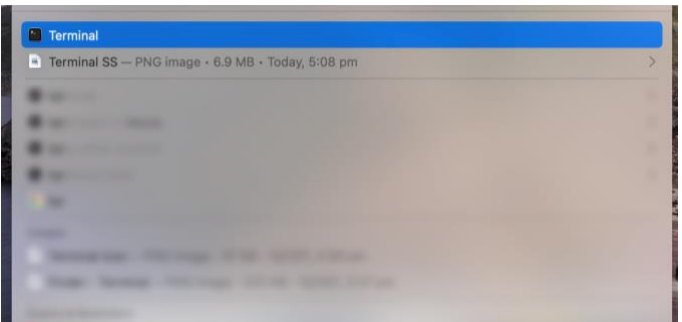
Name: .... **Class:** ....

Extension Activity: CURL

Retrieve the HTML from a web page using the command line application curl. You can find out more about curl from the following website: https://curl.se/

1. Open **Command Prompt** on Windows or **Terminal** on Mac

PC/Windows	Mac
`Windows Key > Search `**`cmd`**` > Enter`	`CMD + Spacebar > Search `**`terminal`**` > Enter`

2. Type the following: **`curl https://csinschools.com`**

PC/Windows	Mac

<p align="center">You should see the HTML of the CS in Schools home page</p>

3. Type the following: **`curl `**`http://csinschools.com`. Notice the protocol is now **HTTP**. This time the HTML returned should indicate that the website has been permanently moved. This is what the code 301 represents. The site has been moved to the **HTTPS** version for security reasons. This is why if you type in http://csinschools.com in your browser it will be redirected to https://csinschools.com.

4. If you type **`curl -v `**`http://csinschools.com` you will be provided with more information including the location to redirect to.

5. If you type **`curl -v `**`https://csinschools.com` (using **HTTPS**) you can see the individual steps taken to encrypt the web page, in addition to the HTML.