**PING ACTIVITY**



1. **OPEN COMMAND PROMPT:**
	1. From a Windows computer, click on the Windows key ⊞ Win
	2. Type **cmd** to open the Command Prompt. You should see a new window pop up that looks like the following:
	3. On the bottom line, you should see a location ( like **C:\Users\hk1660**) followed by a right angle bracket ( **>** )
2. **PING COMMAND**
	1. In the command line, you can type the name of a command after the right angle bracket ( **>** ).
	2. We will use the **ping** command! To do so type the word ping, one space, then the address of where you want to go.

**ping google.com**

*\*Note: UPPERCASE and lowercase matter. Make sure you write the commands appropriately.*

* 1. Who is sending the reply? **\_\_\_\_\_\_\_.\_\_\_\_\_\_\_.\_\_\_\_\_\_\_.\_\_\_\_\_\_\_**
	2. How long does it take google.com to reply (on average)? (Hint: Look for the Average number of milli-seconds) ***\_\_\_\_\_\_\_\_ ms***
1. **PING TIMES**

**ping** the following locations and record the times you get:

|  |  |
| --- | --- |
| **ping location** | **Time (ms)** |
| espn.com |  |
| nytimes.com |  |
| 172.217.12.142 |  |
| 104.193.88.123 |  |
| ghana.gov.gh |  |
| kremlin.ru |  |
| juventus.com |  |
| A US site: |  |
| A non-US site: |  |

1. **Reflection:**
	1. What difference did it make if did a ping using letters (like google.com) or numbers (172.217.12.142)?
	2. What difference did it make if you did a ping on a US website vs a non-US website?
	3. What do you think “ping” means?

Here is the official Microsoft page explaining the ping command: <https://docs.microsoft.com/en-us/windows-server/administration/windows-commands/ping>