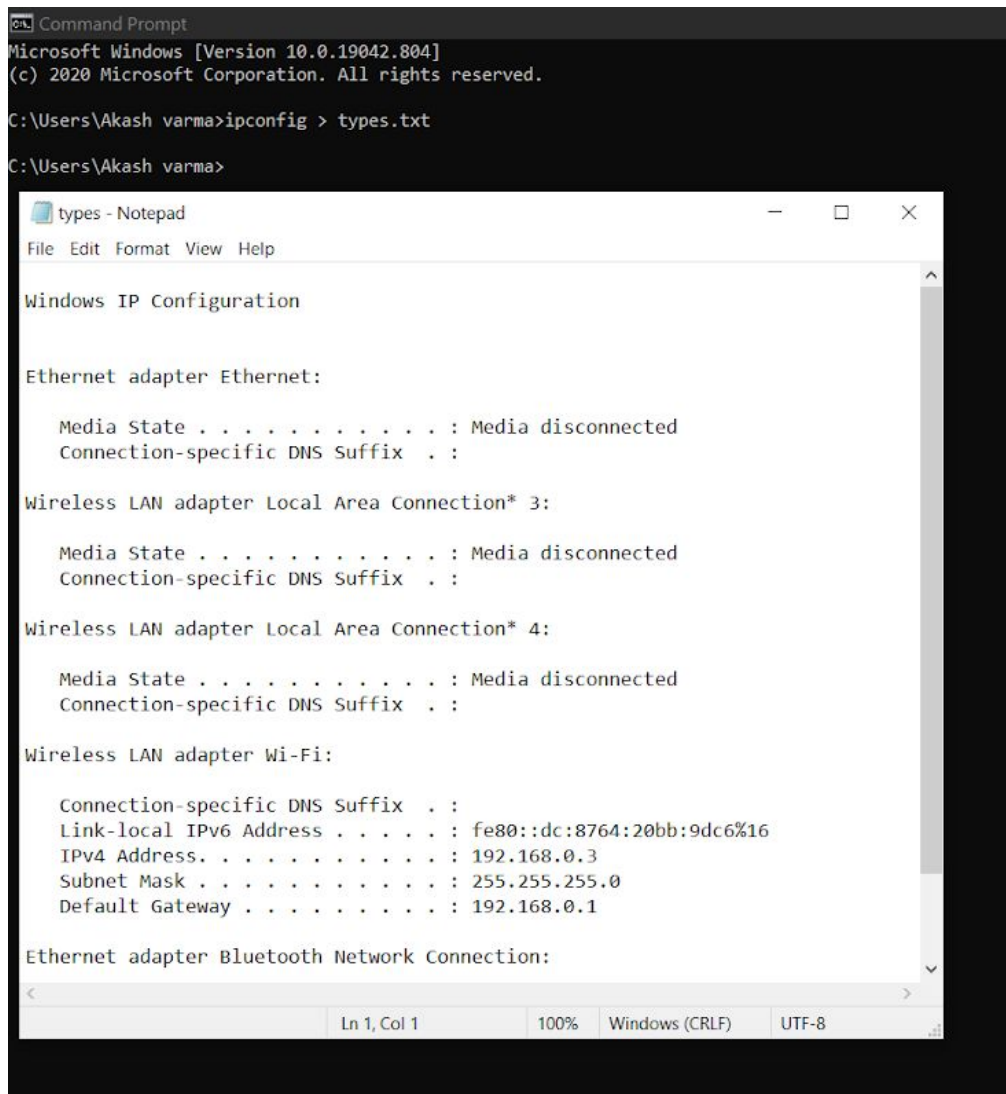


# SECURE CODING

## LAB-2

Akash Varma Mantena | 19BCN7260 | L23-24

Ipconfig > types.txt



The screenshot shows a Windows Command Prompt window with the following text:

```
Microsoft Windows [Version 10.0.19042.804]
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C:\Users\Akash varma>ipconfig > types.txt

C:\Users\Akash varma>
```

Below the Command Prompt, a Notepad window titled "types - Notepad" is open, displaying the output of the command. The text in the Notepad window is as follows:

```
Windows IP Configuration

Ethernet adapter Ethernet:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 3:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 4:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

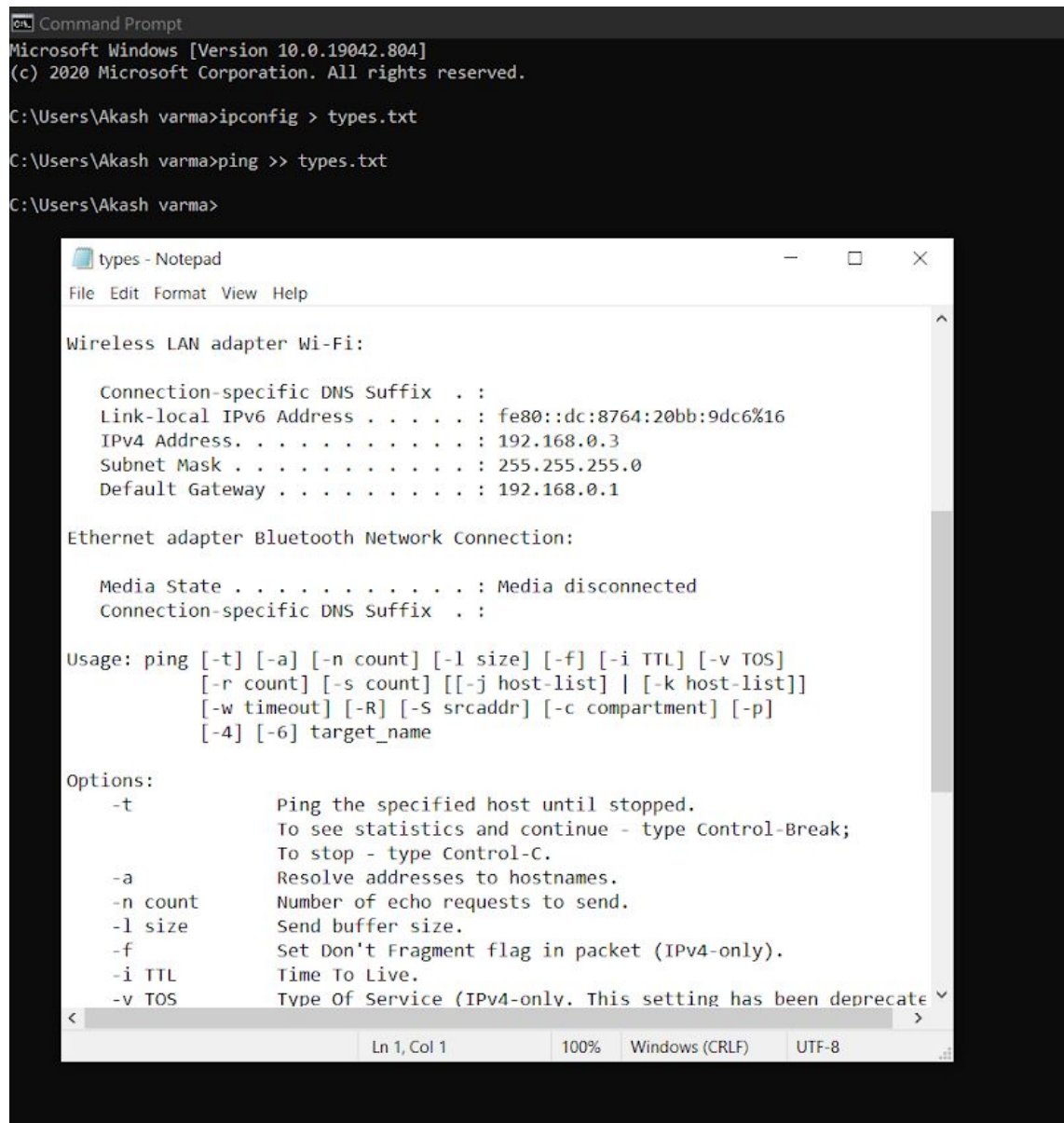
Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::dc:8764:20bb:9dc6%16
    IPv4 Address. . . . . : 192.168.0.3
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Ethernet adapter Bluetooth Network Connection:
```

The status bar at the bottom of the Notepad window indicates "Ln 1, Col 1", "100%", "Windows (CRLF)", and "UTF-8".

>> won't override the previous command.



The screenshot shows a Windows Command Prompt window with the following text:

```
Microsoft Windows [Version 10.0.19042.804]
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C:\Users\Akash varma>ipconfig > types.txt

C:\Users\Akash varma>ping >> types.txt

C:\Users\Akash varma>
```

Below the Command Prompt is a Notepad window titled "types - Notepad". It contains the output of the previous commands, showing network configuration for a Wireless LAN adapter and Ethernet adapter, followed by the usage and options for the ping command.

```
types - Notepad
File Edit Format View Help

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::dc:8764:20bb:9dc6%16
    IPv4 Address. . . . . : 192.168.0.3
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.1

Ethernet adapter Bluetooth Network Connection:

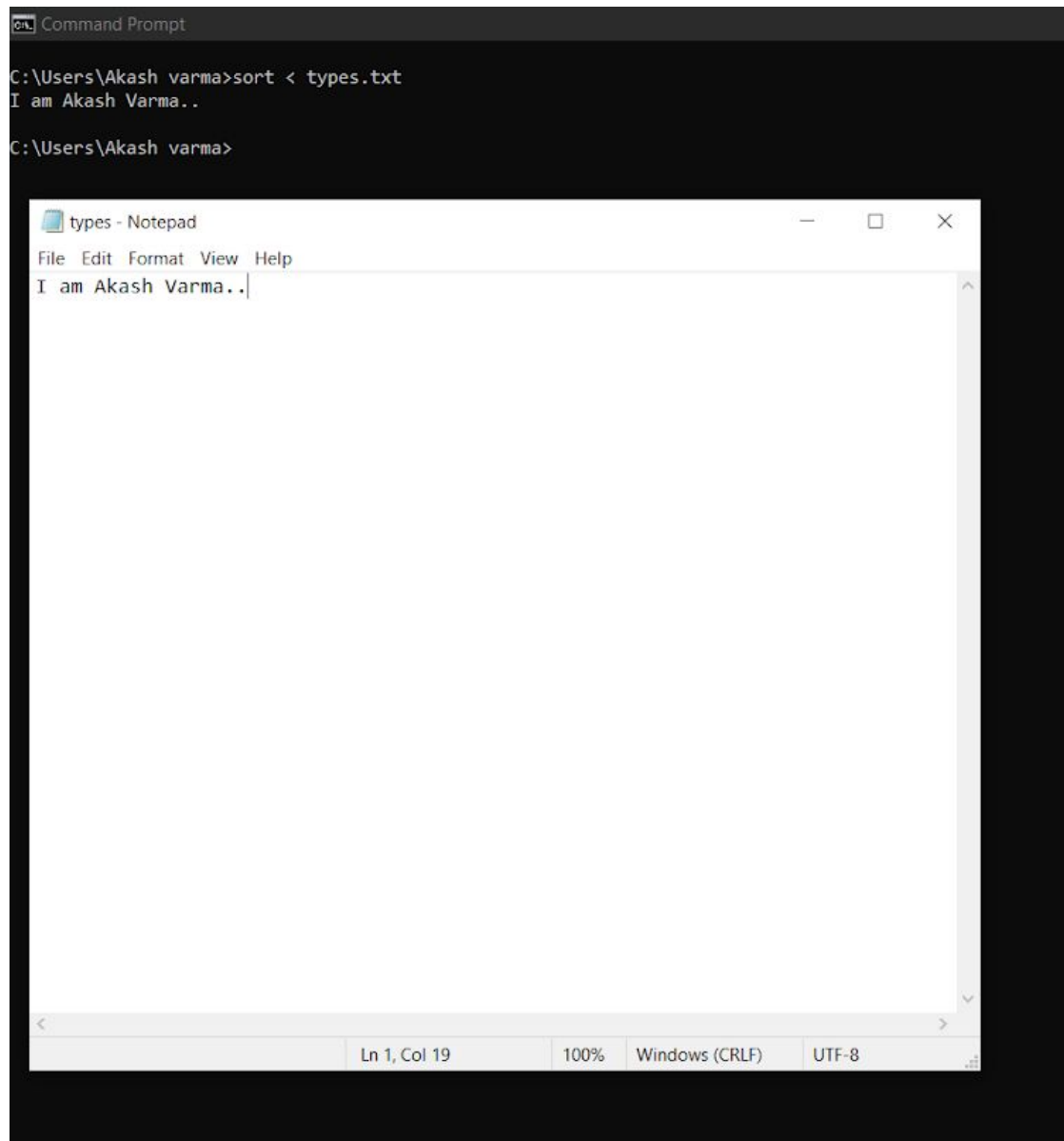
    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : 

Usage: ping [-t] [-a] [-n count] [-l size] [-f] [-i TTL] [-v TOS]
          [-r count] [-s count] [[-j host-list] | [-k host-list]]
          [-w timeout] [-R] [-S srcaddr] [-c compartment] [-p]
          [-4] [-6] target_name

Options:
    -t          Ping the specified host until stopped.
                To see statistics and continue - type Control-Break;
                To stop - type Control-C.
    -a          Resolve addresses to hostnames.
    -n count    Number of echo requests to send.
    -l size     Send buffer size.
    -f          Set Don't Fragment flag in packet (IPv4-only).
    -i TTL      Time To Live.
    -v TOS      Type Of Service (IPv4-only. This setting has been deprecated)
    -4          IPv4-only.
    -6          IPv6-only.

Ln 1, Col 1    100%    Windows (CRLF)    UTF-8
```

sort < types.txt



The image shows a Windows Command Prompt window with a black background and white text. The prompt is at the C:\Users\Akash varma directory. The user has entered the command 'sort < types.txt', and the output 'I am Akash Varma..' is displayed. Below the Command Prompt, a Notepad window titled 'types - Notepad' is open, showing the same text 'I am Akash Varma..' in its editor. The Notepad window has a standard menu bar with 'File', 'Edit', 'Format', 'View', and 'Help'. The status bar at the bottom of the Notepad window indicates 'Ln 1, Col 19', '100%', 'Windows (CRLF)', and 'UTF-8'.

```
Command Prompt
C:\Users\Akash varma>sort < types.txt
I am Akash Varma..

C:\Users\Akash varma>
```

types - Notepad

File Edit Format View Help

I am Akash Varma..

Ln 1, Col 19 100% Windows (CRLF) UTF-8

dir | sort

```
Command Prompt
Microsoft Windows [Version 10.0.19042.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\Akash varma>dir | sort

                8 File(s)                1,367 bytes
               38 Dir(s) 255,301,320,704 bytes free
Directory of C:\Users\Akash varma
Volume in drive C is OS
Volume Serial Number is DC39-D93A
01/30/2021  11:23 AM    <DIR>          newfolder
01/30/2021  11:32 AM    <DIR>          akash
01/30/2021  11:36 AM    <DIR>          Desktop
02/06/2021  12:19 PM    <DIR>          sclab
02/13/2021  11:36 AM    <DIR>          sclab3
02/15/2020  11:00 AM    <DIR>          .Origin
02/15/2020  11:00 AM    <DIR>          .QtWebEngineProcess
02/15/2021  04:03 PM    <DIR>          ipconfig.txt
02/15/2021  04:04 PM            843 Documents - Shortcut.lnk
02/15/2021  04:05 PM    <DIR>          Documents
02/15/2021  04:14 PM    <DIR>          .
02/15/2021  04:14 PM    <DIR>          ..
02/18/2021  09:00 AM    <DIR>          Videos
02/18/2021  09:39 PM            6 types.txt
02/18/2021  09:39 PM           14 haha.txt
02/18/2021  09:41 PM    <DIR>          Downloads
02/18/2021  10:05 AM    <DIR>          OneDrive
03/18/2020  05:22 PM    <DIR>          ansel
07/15/2020  01:46 PM    <DIR>          .config
07/15/2020  01:46 PM    <DIR>          .eclipse
07/15/2020  01:46 PM    <DIR>          .tooling
07/15/2020  12:45 PM    <DIR>          eclipse
08/17/2020  01:48 AM    <DIR>          3D Objects
08/17/2020  01:48 AM    <DIR>          Contacts
08/17/2020  01:48 AM    <DIR>          Favorites
08/17/2020  01:48 AM    <DIR>          Links
08/17/2020  01:48 AM    <DIR>          Saved Games
08/17/2020  01:48 AM    <DIR>          Searches
08/17/2020  10:23 AM    <DIR>          Creative Cloud Files
09/03/2020  07:29 PM    <DIR>          .vscode
09/06/2020  09:11 PM            41 inst.ini
09/06/2020  09:11 PM            45 nuuid.ini
09/06/2020  09:11 PM            53 useruid.ini
09/06/2020  09:11 PM            66 inittk.ini
09/06/2020  09:17 PM    <DIR>          vmlogs
09/06/2020  09:19 PM           299 d4ac4633ebd6440fa397b84f1bc94a3c.7z
11/17/2020  11:39 AM    <DIR>          STAT LAB
12/07/2020  01:09 PM    <DIR>          AI LAB
12/10/2020  08:05 PM    <DIR>          AppMods
```