Name: M SAI CHAITANYA

Reg N:18BCN7117

Windows exploit suggester:

This is a tool that helps you to identify the vulnerability in your naïve windows system.

Follow the link in github to download the files required.....

https://github.com/bitsadmin/wesngDouble click on the setup.py to setup windows exploit suggester.

Now open command prompt do as follows

```
E:\College\SEM - 6\LABS\SECURE-CODING\wes mg\wesng-master\wesng-master>systeminfo > systeminfo_sc_demo.txt

E:\College\SEM - 6\LABS\SECURE-CODING\wes mg\wesng-master\wesng-master>systeminfo sc_demo.txt

Mindows Exploit Suggester 0.98 ( https://github.com/hitsadmin/wesng/ )

[+] Parsing systeminfo output

[+] Operating System

- Name: Windows 10 Version 20M2 for x64-based Systems

- Generation: 10

- Build: 19043

- Version: 20M2

- Architecture: x64-based

- Installed hotfixes (9): K85003254, K84562830, K84577586, K84580325, K84389212, K84598481, K85000736, K85003214, K8
5003503

[+] Loading definitions

- Creation date of definitions: 20210530

[+] Determining missing patches

[+] Found vulnerabilities
```

Pipe the systeminfo as a txt file to the wes.py and it will list all the vulnerabilities in the system. At last it will give you all the patches that are required to patch the vulnerabilities as below.

```
    [+] Missing patches: 2

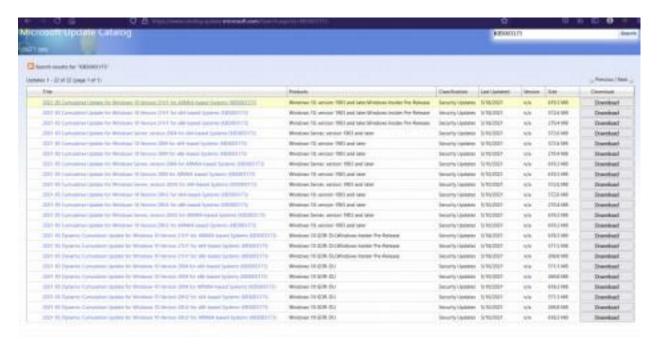
            KB5003173: patches 50 vulnerabilities
            KB4601050: patches 2 vulnerabilities

    [+] KB with the most recent release date

            ID: KB5003173
            Release date: 20210511

    [+] Done. Displaying 52 of the 52 vulnerabilities found.
```

Now go to the Microsoft catalog to download the required hotfixes I will be like below.



Download the appropriate hotfixes for your pc type **winver** in start to get the version of the pc you are using. Download your hotfixes and fix your vulnerabilities.

