



INFORMATION SECURITY

PROJECT NAME – *"DORKER"*

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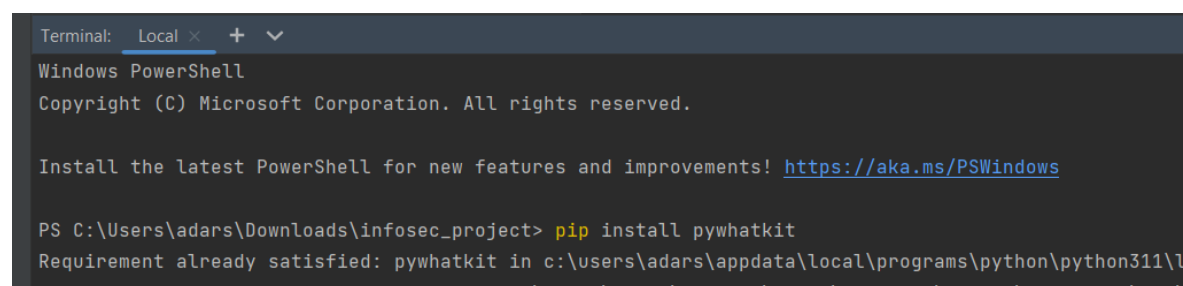
Date:

07/04/2023

Introduction:- Dorking is a search string or custom query that uses advanced search operators to find information not readily available on a website. Google dorking involves the use of search operators and advanced search commands to find specific information on the internet. These operators can be used to search for specific types of files, within specific domains or websites, and even for vulnerabilities in websites and servers.

Modules usages:- o run the program, first, you need to install 'googlesearch' and 'pywhatkit' using 'pip install' in the terminal.

Like that =>



```
Terminal: Local x + v
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\adars\Downloads\infosec_project> pip install pywhatkit
Requirement already satisfied: pywhatkit in c:\users\adars\appdata\local\programs\python\python311\l
Requirement already satisfied: Pillow in c:\users\adars\appdata\local\programs\python\python311\l
```

Usages of the operators:-

site:- This operator signifies the specific site required.

Inurl:- Check for the keyword in different URLs.

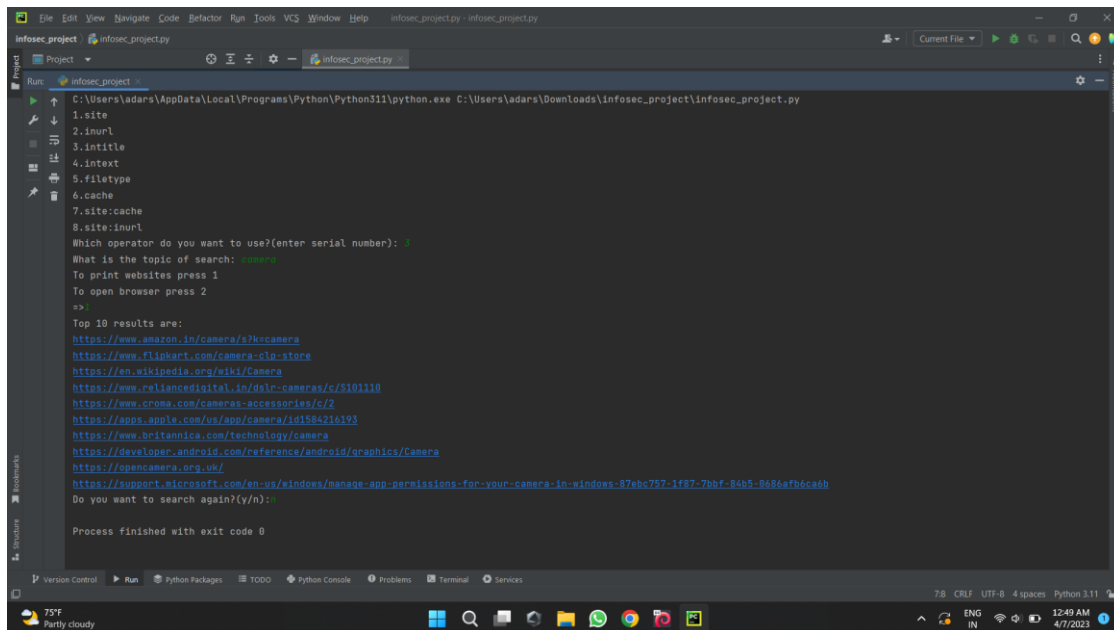
intitle:- To search for the specified keyword in the title of the webpage.

intext:- This is to search for a keyword in the body of the webpage.

filetype:- Defines the type of data to search for specific file.

cache:- Returns the cached version of a website.

Working: -This programme is basically used to make google dorking easy for user. When you run the programme, it takes the user input 'which operator do you want to use'.

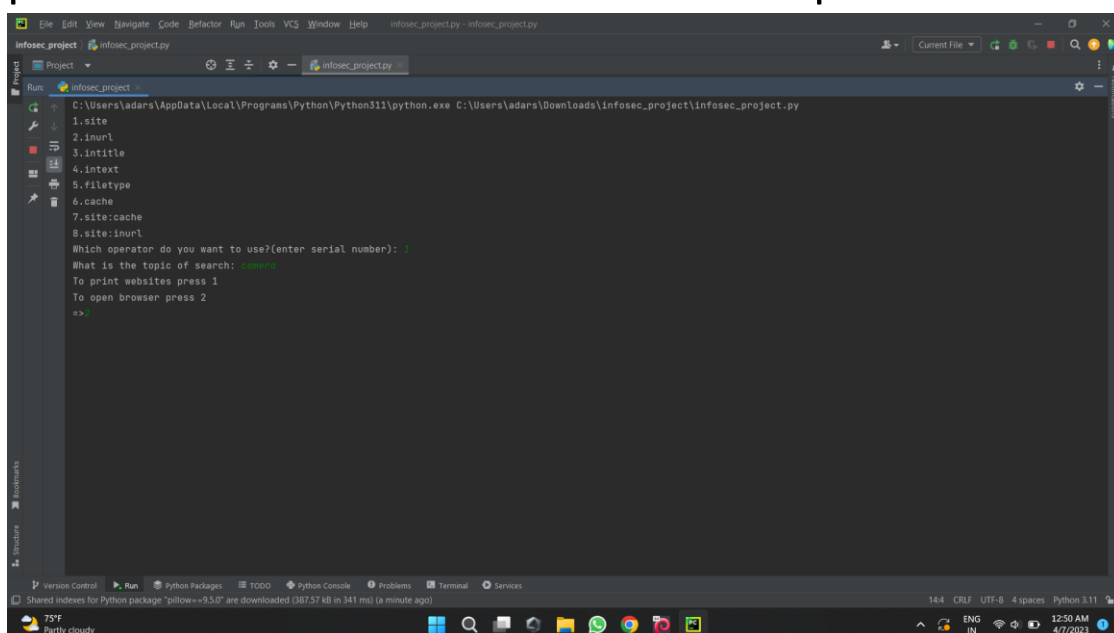


```
Run: C:\Users\adars\AppData\Local\Programs\Python\Python311\python.exe C:\Users\adars\Downloads\infosec_project\infosec_project.py
1.site
2.inurl
3.intitle
4.intext
5 filetype
6.cache
7.site:cache
8.site:inurl
Which operator do you want to use?(enter serial number): 1
What is the topic of search: camera
To print websites press 1
To open browser press 2
=>

Top 10 results are:
https://www.amazon.in/camera/s?k=camera
https://www.flinkart.com/camera-cls-store
https://en.wikipedia.org/wiki/Camera
https://www.reliancedigital.in/dslr-cameras/c/5101110
https://www.croma.com/cameras-accessories/c/2
https://apps.apple.com/us/app/camera/id1584216193
https://www.britannica.com/technology/camera
https://developer.android.com/reference/android/graphics/Camera
https://opencamera.org.uk/
https://support.microsoft.com/en-us/windows/manage-app-permissions-for-your-camera-in-windows-879bc757-1f87-7b0f-84b5-8486afb6ca6b
Do you want to search again?(y/n):

Process finished with exit code 0
```

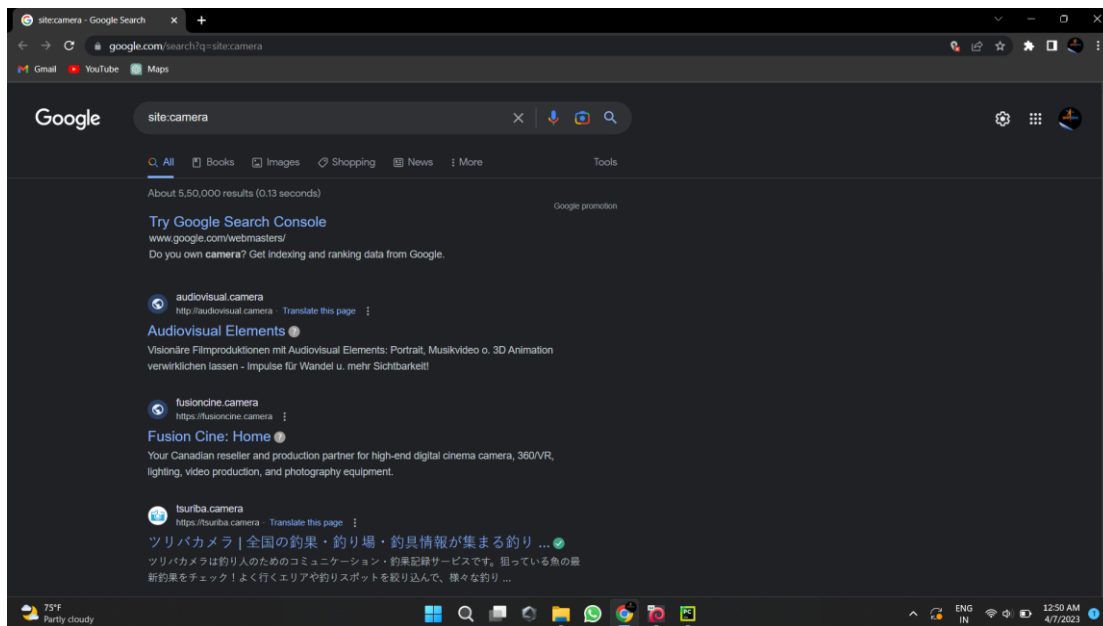
There are two types of output system. First one is to print websites and second one is to open browser.



```
Run: C:\Users\adars\AppData\Local\Programs\Python\Python311\python.exe C:\Users\adars\Downloads\infosec_project\infosec_project.py
1.site
2.inurl
3.intitle
4.intext
5 filetype
6.cache
7.site:cache
8.site:inurl
Which operator do you want to use?(enter serial number): 2
What is the topic of search: camera
To print websites press 1
To open browser press 2
=>

Do you want to search again?(y/n): y
```

When you chose 2nd one this type of window in open:-



Then it asks for search again(y/n):

About Programme: First import all modules usages.

Then define a function 'abcd' (that open the browser) which we used in 2nd function that we defined as 'xyz' (which gives us option to print results or open browser).

```
1 import pywhatkit as pw
2 from googlesearch import search
3
4
5 def abcd(sitename):
6     pw.search(sitename)
7
8 def xyz(p):
9     if (c == 1):
10        print("Top 10 results are:")
11        cnt=0
12        for url in search(p):
13            cnt+=1
14            print(url)
15            if cnt==10:
16                break
17        else:
18            abcd(p)
19
20 while True:
21     print("\n1.site\n2.inurl\n3.intitle\n4.intext\n5.filetype\n6.cache\n7.site:cache\n8.site:inurl")
22     a = int(input("Which operator do you want to use?(enter serial number): "))
23     b = str(input("What is the topic of search: "))
24     c = int(input("To print websites press 1\nTo open browser press 2\n=>"))
25
26     if (a == 1):
27         h = "site:" + b
28         xyz(h)
29     elif (a == 2):
30         h = "inurl:" + b
```

```

31     xyz(h)
32 elif (a == 3):
33     h = "intitle:" + b
34     xyz(h)
35 elif (a == 4):
36     h = "intext:" + b
37     xyz(h)
38 elif(a == 5):
39     h = "filetype:" + b
40     xyz(h)
41 elif (a == 6):
42     h = "cache:" + b
43     xyz(h)
44 elif(a==7):
45     h = "site:cache:" + b
46     xyz(h)
47 elif(a==8):
48     h = "site:inurl:" + b
49     xyz(h)
50 else:
51     print("You are continuing without operator")
52     xyz(b)
53 cont=input("Do you want to search again?(y/n):")
54 if(cont in ["n","N","NO","No","no"]):
55     break

```

Conclusion: Main purpose of this programme to make google dorking easy. It contains some of operators that can increase in future.

Thank You