Evaluation Sheet

Class: T.E Computer Engineering   **Sem:** VI

Subject: Cryptography and System Security

Experiment No: 6

Date: 22/02/2023

Title of Experiment: Study the use of network reconnaissance tools like WHOIS, dig, traceroute, nslookup to gather information about networks and domain registrars

Sr. No.	Evaluation Criteria	Max Marks	Marks Obtained
1	Practical Performance	12	
2	Oral	2	
3	Timely Submission	1	
	Total	15	

Signature of Subject Teacher
[Vijesh M.Nair]

Screenshots:

WHOIS

```
student@student-HP-Desktop-Pro-G1-MT:~/Desktop/TE_68$ whois freakdevelopers.com
   Domain Name: FREAKDEVELOPERS.COM
   Registry Domain ID: 2747177597_DOMAIN_COM-VRSN
   Registrar WHOIS Server: whois.PublicDomainRegistry.com
   Registrar URL: http://www.publicdomainregistry.com
   Updated Date: 2022-12-28T05:28:02Z
   Creation Date: 2022-12-26T12:11:50Z
   Registry Expiry Date: 2023-12-26T12:11:50Z
   Registrar: PDR Ltd. d/b/a PublicDomainRegistry.com
   Registrar IANA ID: 303
   Registrar Abuse Contact Email: abuse-contact@publicdomainregistry.com
   Registrar Abuse Contact Phone: +1.2013775952
   Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
   Name Server: NS1.MCPLHOST.COM
   Name Server: NS2.MCPLHOST.COM
   Name Server: NS3.MCPLHOST.COM
   Name Server: NS4.MCPLHOST.COM
   DNSSEC: unsigned
   URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2023-02-22T05:18:05Z <<<

For more information on Whois status codes, please visit https://icann.org/epp

NOTICE: The expiration date displayed in this record is the date the
registrar's sponsorship of the domain name registration in the registry is
currently set to expire. This date does not necessarily reflect the expiration
date of the domain name registrant's agreement with the sponsoring
registrar.  Users may consult the sponsoring registrar's Whois database to
view the registrar's reported date of expiration for this registration.
```

DIG

```
student@student-HP-Desktop-Pro-G1-MT:~/Desktop/TE_68$ dig freakdevelopers.com

; <<>> DiG 9.16.1-Ubuntu <<>> freakdevelopers.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59545
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;freakdevelopers.com.            IN      A

;; ANSWER SECTION:
freakdevelopers.com.    7199    IN      A       180.149.242.68

;; Query time: 1132 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Wed Feb 22 10:54:20 IST 2023
;; MSG SIZE  rcvd: 64
```

TRACEROUTE

```
student@student-HP-Desktop-Pro-G1-MT:~/Desktop/TE_68$ traceroute freakdevelopers.com
traceroute to freakdevelopers.com (180.149.242.68), 30 hops max, 60 byte packets
 1  _gateway (192.168.8.1)  0.671 ms  0.631 ms  0.600 ms
 2  static-197.168.248.49-tataidc.co.in (49.248.168.197)  84.961 ms  84.919 ms  84.878 ms
 3  10.124.248.221 (10.124.248.221)  82.252 ms  84.796 ms  84.755 ms
 4  10.118.143.90 (10.118.143.90)  78.922 ms  78.880 ms  78.841 ms
 5  10.0.10.210 (10.0.10.210)  82.008 ms  81.966 ms  81.925 ms
 6  10.124.253.105 (10.124.253.105)  81.885 ms *  81.568 ms
 7  10.118.143.21 (10.118.143.21)  89.257 ms  77.093 ms  77.030 ms
 8  121.241.5.101.mumbai-static.vsnl.net.in (121.241.5.101)  111.320 ms  111.276 ms  111.235 ms
 9  172.28.176.221 (172.28.176.221)  79.444 ms  79.403 ms  79.361 ms
10  172.28.133.174 (172.28.133.174)  93.031 ms  92.992 ms  92.951 ms
11  59.163.29.82.static.vsnl.net.in (59.163.29.82)  110.949 ms  110.910 ms  75.830 ms
12  masterall10.rapidns.com (180.149.242.68)  75.774 ms  75.729 ms  70.019 ms
```

NSLOOKUP

```
student@student-HP-Desktop-Pro-G1-MT:~/Desktop/TE_68/Expt6$ nslookup freakdevelopers.com
Server:         127.0.0.53
Address:        127.0.0.53#53

Non-authoritative answer:
Name:   freakdevelopers.com
Address: 180.149.242.68
```