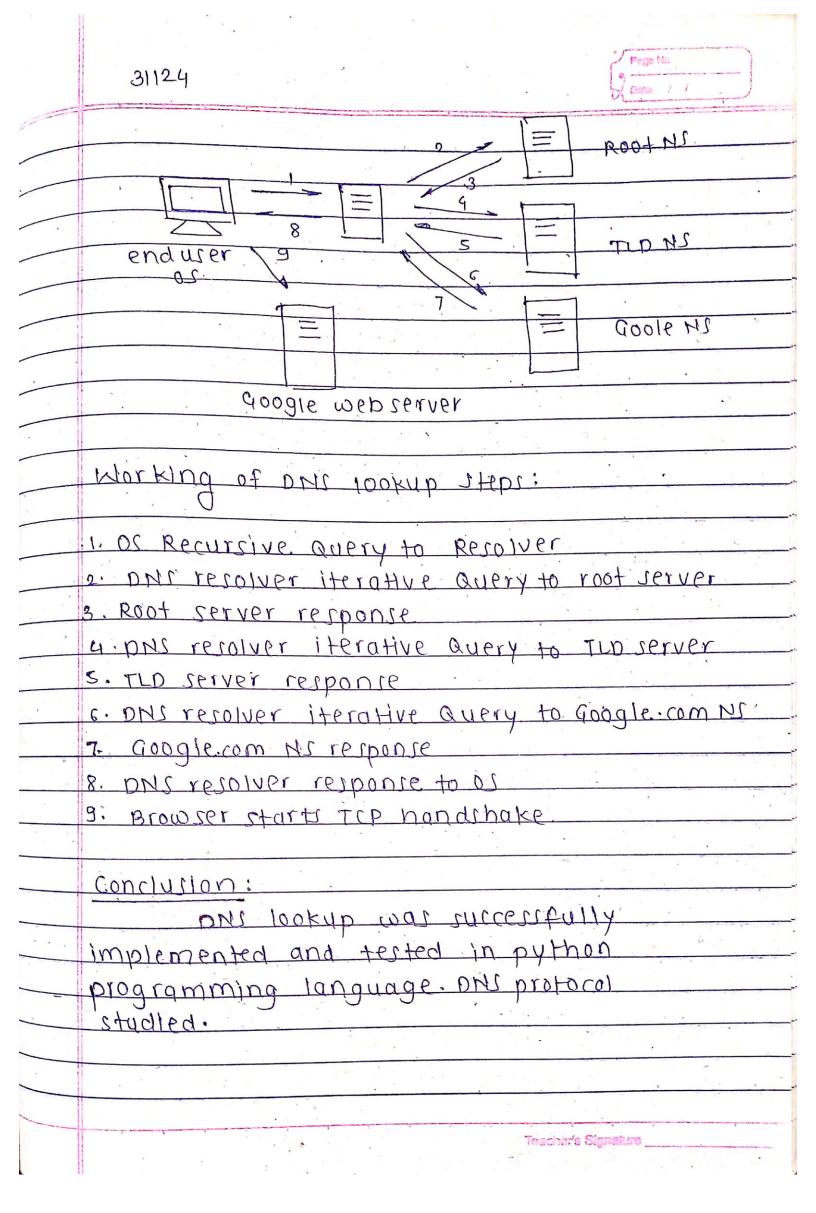
	Rupesh Oharme
	31124
	TE OI
	Assignment 09
The state of the s	Title: DNS lookup
	TITIE DIG TOOKUP
-	Problem statement: Write a program for
The second	DNS lookup. Given an IP address input, it
	DNG TOOKUP GIVEN ON IF GOODS CO (DY HOD)
	should return URL and vice versa (python)
	O
	Prerequisites:
	1. Application layer protocols
	2. Jave Python programming
	learning Objectives: Students will be able to understand:
	1. Working of DNS protocol.
1	Theory:
	DNJ:
	pomain name system (DNS) is défault
	nome resolution service in Ms windows
	server 2003 network.
-	

Teacher's Signature

## domain name Hierarchy: Managed by Req. Authority int/net/org edu MS MICROSOF1 mydomain Managed by microsoft Types of DMS names Types: 1. Root domain 2. Top level domain: eg. ".com" 3. Second level domain eq: "microsoft.om" 4. subdomain: eg « example. microsoft.com

Tearner's Signature \_



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\triangleright + \vee \square \cdots
 ≥ Code
(dns) PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 09> py 311
24 Rupesh CNSL Assignment 09.py
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
Enter the domain: www.google.com
IP Address corrosponding to the domain is/are:
142.250.183.196
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
Enter an IP Address: 142.250.183.196
Domain name corrosponding to the ip address is/are:
bom07s33-in-f4.1e100.net.
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
```

```
≥ Code
24 Rupesh CNSL Assignment 09.py
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
Enter the domain: geeksforgeeks.org
IP Address corrosponding to the domain is/are:
34.218.62.116
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
2
Enter an IP Address: 34.218.62.116
Domain name corrosponding to the ip address is/are:
ec2-34-218-62-116.us-west-2.compute.amazonaws.com.
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
3
Thank you
(dns) PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 09>
```

```
\triangleright + \vee \square \cdots
 ≥ Code
(dns) PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 09> py 311
24 Rupesh CNSL Assignment 09.py
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
Enter the domain: flipkart.com
IP Address corrosponding to the domain is/are:
163.53.78.110
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
Enter an IP Address: 163.53.78.110
ERROR Retreiving information.
Which lookup do you want to perform?
    1. Domain to IP Address
    2. IP Address to Domain
    3. Exit
3
Thank you
(dns) PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 09>
```