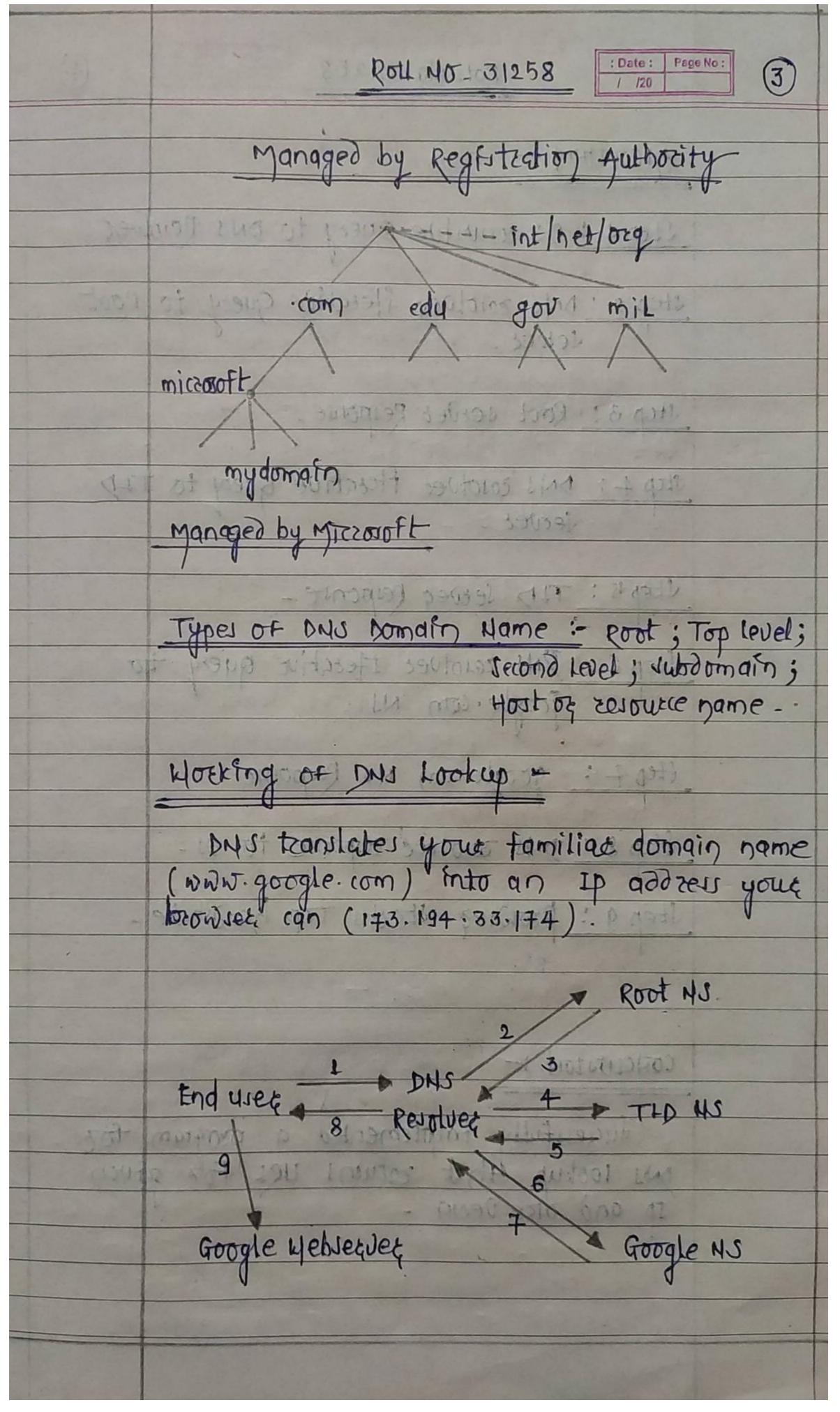
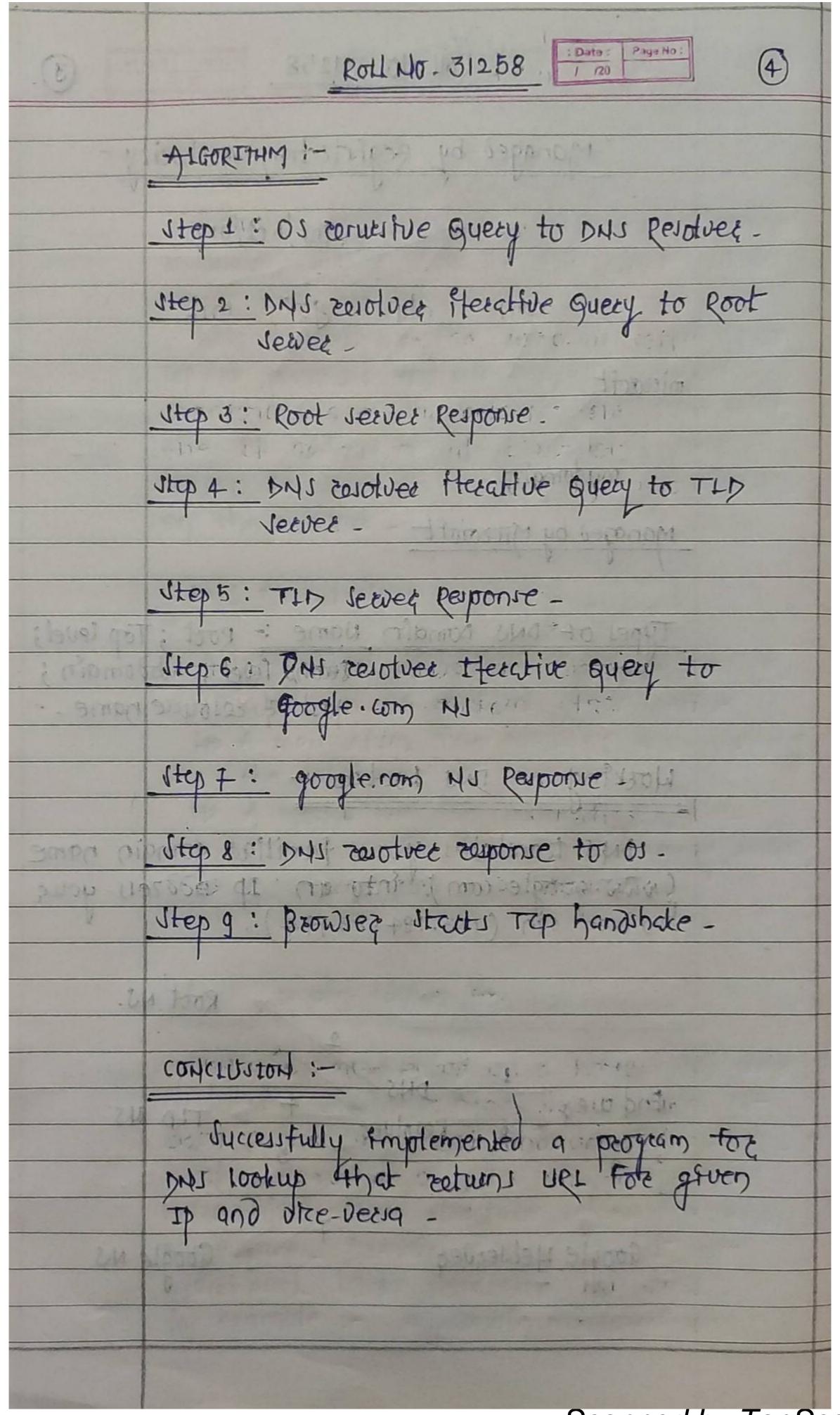
	Name: - Rushikesh Kazbhazi Palve Date: Page No: 1/20
	Assignment No-9 (C1)
exuon li	005:-03-12-2021
	110557M (1) bould 3519594 (50)
	1536-150 5,000 35935 T
65730 39	Problem statement:
1505	The metacet property of / 422
(wild by	Weste a peogram for DNS lookup. Given an
243	IP address as knowl, it should return URL
Crowlette.	and vice-peesa - of 39650 of 39650
	- droeden and pa
	Pre-requisite:: stiellups-959
the pub	Application Layer: Rotes, Protocols. Socket Programming
200	Jocket programming
HULLYONN	orm stratograph box treatment we str
9/1:	Objectives is sot millionism A
149/1591 RO	मार्ग कार्याक्ष्म कर्म कार्य है। विकास कर्मिक कर्मिक विकास कर्मिक कर्मिक विकास कर्मिक विकास कर्मिक विकास कर्मिक विकास कर्मिक विकास कर्मिक कर्मिक कर्मिक कर्मिक कर्मिक कर्मिक करा करा कर्मिक करा करा करा करा करा करा करा करा करा कर
V	1) To understand working of one protocol -
=	leaening Outromes:-not nioned and
200 100	After rompletion of the assignment students
78 190	After rompletion of the assignment, students will be able to 1
dune	(i) Understand working of our prototol.
6	(ii) Implement program for DNU Lootup.
pipmos to	in Implement program for DNN Lootup.
	- rame force Doming wooder county
	THEORY :-
Can Can	distribution - significant -



Scanned by TapScanner



Scanned by TapScanner

CODE :-

```
package DNS;
import java.net.*;
import java.util.*;
public class DNS_LOOKUP
   public static void main(String[] args)
      String host;
      Scanner ch = new Scanner(System.in);
      System.out.print("1.Enter Host Name \n2.Enter IP address \nChoice=");
      int choice = ch.nextInt();
      if(choice==1)
         Scanner input = new Scanner(System.in);
         System.out.print("\n Enter host name: ");
         host = input.nextLine();
         try
            InetAddress address = InetAddress.getByName(host);
            System.out.println("IP address: " + address.getHostAddress());
            System.out.println("Host name : " + address.getHostName());
            System.out.println("Host name and IP address: " + address.toString());
         catch (UnknownHostException ex)
            System.out.println("Could not find " + host);
      else
      {
         Scanner input = new Scanner(System.in);
         System.out.print("\n Enter IP address: ");
         host = input.nextLine();
         try
            InetAddress address = InetAddress.getByName(host);
            System.out.println("Host name : " + address.getHostName());
            System.out.println("IP address: " + address.getHostAddress());
            System.out.println("Host name and IP address: " + address.toString());
         catch (UnknownHostException ex)
            System.out.println("Could not find " + host);
```

OUTPUT :-

1.Enter Host Name
2.Enter IP address
Choice=1

Enter host name: www.google.com
IP address: 216.58.203.4
Host name : www.google.com
Host name and IP address: www.google.com/216.58.203.4

1.Enter Host Name
2.Enter IP address
Choice=2

Enter IP address: 8.8.8.8
Host name : dns.google

Host name and IP address: dns.google/8.8.8.8

IP address: 8.8.8.8