**InetAddress:**

package inet\_add;

import java.net.InetAddress;

import java.net.UnknownHostException;

public class InetAdd {

public static void main(String[] args) throws UnknownHostException {

// TODO Auto-generated method stub

InetAddress ip1=InetAddress.getLocalHost();

System.out.println("1.address of local host"+ip1);

InetAddress ip2=InetAddress.getByName("www.youtube.com");

System.out.println("The add of youtube is: "+ip2);

byte[] ipaddress= {10,10,13,38};

InetAddress ip3=InetAddress.getByAddress(ipaddress);

System.out.println("host name for ip is: "+ip3);

InetAddress[] ip4=InetAddress.getAllByName("www.pict.edu");

for(InetAddress add:ip4)

{

System.out.println("Address is: "+add);

}

InetAddress ip5=InetAddress.getByAddress("pict.edu", ipaddress);

System.out.println("add of host with ip add: "+ip5);

System.out.println("The host name of ip2 is: "+ip2.getHostName());

System.out.println("host add is:"+ip2.getHostAddress());

System.out.println("is ip2 is equal to ip1: "+ip2.equals(ip1));

System.out.println("The string representation of ip2 is: "+ip2.toString());

}

}