PROGRAM:

```java
import java.io.*;

import java.net.*;

class tracedemo

{

public static void  main(String args[])

        {

                BufferedReader in;

                try

                {

                        Runtime r=Runtime.getRuntime();

                        System.out.println("Enter the IP address");

BufferedReader b=new BufferedReader(new InputStreamReader(System.in));

                        String data=b.readLine();

                        Process p=r.exec("tracert "+data);

                        in=new BufferedReader(new InputStreamReader(p.getInputStream()));

                        String line;


                        while((line=in.readLine())!=null)

                        {

                                System.out.println(line);

                        }

                        System.out.println(in.readLine());

                        in.close();

                }

    catch(IOException e)

    {
```

```
                System.out.println(e.toString());

        }

      }

    }
```

Enter the IP address
172.16.60.140

Tracing route to DESKTOP –DG50640 [172.16.60.140]

over a maximum of 30 hops:

1   <1 ms   <1 ms   <1 ms DESKTOP –DG50640 [172.16.60.140]

Trace complete.

null