**b. UDP Client server to transfer a file.**

**Program:**

**/\*CLIENT \*/**

import java.net.\*;

import java.io.\*;

public class client

{

public static void main(String args[])throws Exception

{

byte b[]=new byte[1024];

FileInputStream f=new FileInputStream("D:/raj.txt");

DatagramSocket dsoc=new DatagramSocket(2000);

int i=0;

while(f.available()!=0)

{

b[i]=(byte)f.read();

i++;

}

f.close();

dsoc.send(new DatagramPacket(b,i,InetAddress.getLocalHost(),1000));

}

}

**/\*SERVER \*/**

import java.net.\*;

import java.io.\*;

public class server

{

public static void main(String args[])throws IOException

{

byte b[]=new byte[3072];

DatagramSocket dsoc=new DatagramSocket(1000);

FileOutputStream f=new FileOutputStream("D:/nandha.txt");

while(true)

{

DatagramPacket dp=new DatagramPacket(b,b.length);

dsoc.receive(dp);

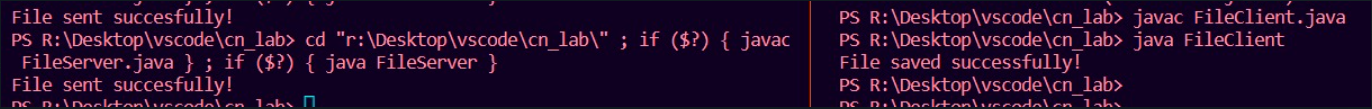
System.out.println(new String(dp.getData(),0,dp.getLength()));

}

}

}

**OUTPUT:-**

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