

/* Using TCP/IP sockets, write a client - server program to make the client send the file name and to make the server send back the contents of the requested file if present. Implement the above program using as message queues or FIFOs as IPC channels.*/

```
import java.io.*;
import java.net.*;
public class FileClient
{
    public static void main(String[] args)
    {
        new FileClient();
    }
    public FileClient()
    {
        BufferedReader bufReader=new BufferedReader(new
InputStreamReader(System.in));
        try
        {
            Socket clientsocket=new Socket("localhost",8000);
            System.out.println("Connecting to Server....");
            DataInputStream input=new DataInputStream
(clientsocket.getInputStream());

            DataOutputStream output=new
DataOutputStream(clientsocket.getOutputStream());

            System.out.println("Enter File Name:");
            String Name=bufReader.readLine();
            output.writeUTF(Name);
            String EchoedFile=input.readUTF();
            System.out.println(EchoedFile);
            clientsocket.close();

        }// end of try block
        catch(IOException ex)
        {
            //System.out.println("Error");
            ex.printStackTrace();
        }

    }// end of constructor
}
// end of FileClient class
```