

PROG 7

```
import java.net.*;
import java.io.*;
public class TCPS
{
    public static void main(String[] args) throws Exception
    {
        ServerSocket sersock=new ServerSocket(4000);
        System.out.println("Server ready for connection");
        Socket sock=sersock.accept();
        System.out.println("Connection Is successful and waiting for chatting");
        InputStream istream=sock.getInputStream();
        BufferedReader fileRead=new BufferedReader(new InputStreamReader(istream));
        String fname=fileRead.readLine();
        BufferedReader ContentRead=new BufferedReader(new FileReader(fname));
        OutputStream ostream=sock.getOutputStream();
        PrintWriter pwrite=new PrintWriter(ostream,true);
        String str;
        while((str=ContentRead.readLine())!=null){
            pwrite.println(str);
        }
        sock.close();
        sersock.close();
        pwrite.close();
        fileRead.close();
        ContentRead.close();
    }
}
```

// TCP CLIENT

```
import java.net.*;
import java.io.*;
public class TCPC
{
    public static void main(String[] args) throws Exception
    {
        Socket sock=new Socket("127.0.01",4000);
        System.out.println("Enter the filename");
        BufferedReader keyRead=new BufferedReader(new
        InputStreamReader(System.in));
        String fname=keyRead.readLine();
        OutputStream ostream=sock.getOutputStream();
        PrintWriter pwrite=new PrintWriter(ostream,true);
        pwrite.println(fname);
        InputStream istream=sock.getInputStream();
        BufferedReader socketRead=new BufferedReader(new
        InputStreamReader(istream));
        String str;
        while((str=socketRead.readLine())!=null)
        {
            System.out.println(str);
        }
        pwrite.close();
        socketRead.close();
        keyRead.close();
    }
}
```