```
package com.sxt.server;

import java.io.BufferedWriter;
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStreamWriter;
import java.net.ServerSocket;
import java.net.Socket;
import java.util.Date;

/**
 * 目标：使用serverSocket建立与浏览器的连接获取请求协议
 * @author 江
 *
 */

public class Server02 {
   private ServerSocket serverSocket;

   public static void main(String[] args) {
           Server02 server=new Server02();
           server.start();



   }

   //启动服务
   public void start() {
           try {
                serverSocket=new ServerSocket(8888);
                receive();
        } catch (IOException e) {
                System.err.println("服务器启动失败...");
```

```
     }

}

//接受连接
public void receive() {
        try {
             Socket client=serverSocket.accept();
             System.err.println("一个客户端建立了连接");
             //获取请求协议
             InputStream is=client.getInputStream();
         byte[] datas=new byte[1024*1024];
         int len=is.read(datas);
         String requestInfo=new String(datas,0,len);
         System.err.println(requestInfo);

         StringBuilder  content=new StringBuilder();
         content.append("<html>");
         content.append("<head>");
         content.append("<title>");
         content.append("服务器响应成功");
         content.append("</title>");
         content.append("</head>");
         content.append("<body>");
         content.append("shsxt server终于回来了....");
         content.append("</body>");
         content.append("</html>");
         int length=content.toString().getBytes().length;   //必须获取字节长度

         StringBuilder responseInfo=new StringBuilder();
         String blank="";
         String CRLF="\r\n";    //为\r\n
```

```
            //返回
            //1.响应的状态行：HTTP/1.1 200 OK
            responseInfo.append("HTTP/1.1").append(blank);
            responseInfo.append(200).append(blank);
            responseInfo.append("OK").append(CRLF);

            //2.响应头(最后一行存在空行)：
            /*
             * Date:Mon,31Dec209904:25:57GMT
             * Server:shsxt Server/0.0.1;charset=GBK
             * Content-type:text/html
             * Content-length:39725426
             */
            responseInfo.append("Date:").append(new Date()).append(CRLF);
            responseInfo.append("Server:").append("shsxt
Server/0.0.1;charset=GBK").append(CRLF);
            responseInfo.append("Content-type:text/html").append(CRLF);
            responseInfo.append(" Content-length:").append(length).append(CRLF);

            //3.正文
            responseInfo.append(content.toString());

            //写出到客户端
            BufferedWriter bw=new BufferedWriter(new
OutputStreamWriter(client.getOutputStream()));
            bw.write(responseInfo.toString());
            bw.flush();

            is.close();
            bw.close();

        } catch (IOException e) {
                System.err.println("客户端错误");
        }
```

```
    }

    //停止服务
    public void stop() {

    }

}
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import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStreamWriter;
import java.net.ServerSocket;
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/**
 * 目标：使用serverSocket建立与浏览器的连接获取请求协议
 * @author 江
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 */

public class Server02 {
    private ServerSocket serverSocket;

    public static void main(String[] args) {
            Server02 server=new Server02();
            server.start();



    }
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```
//启动服务
public void start() {
        try {
             serverSocket=new ServerSocket(8888);
             receive();
     } catch (IOException e) {
             System.err.println("服务器启动失败...");
     }

}

//接受连接
public void receive() {
        try {
             Socket client=serverSocket.accept();
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        StringBuilder responseInfo=new StringBuilder();
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        responseInfo.append("Content-type:text/html").append(CRLF);
        responseInfo.append(" Content-length:").append(length).append(CRLF);

        //3.正文
        responseInfo.append(content.toString());

        //写出到客户端
        BufferedWriter bw=new BufferedWriter(new OutputStreamWriter(client.getOutputStream()));
        bw.write(responseInfo.toString());
        bw.flush();
```

```
            is.close();
            bw.close();

        } catch (IOException e) {
                System.err.println("客户端错误");
        }

    }

    //停止服务
    public void stop() {

    }

}
```