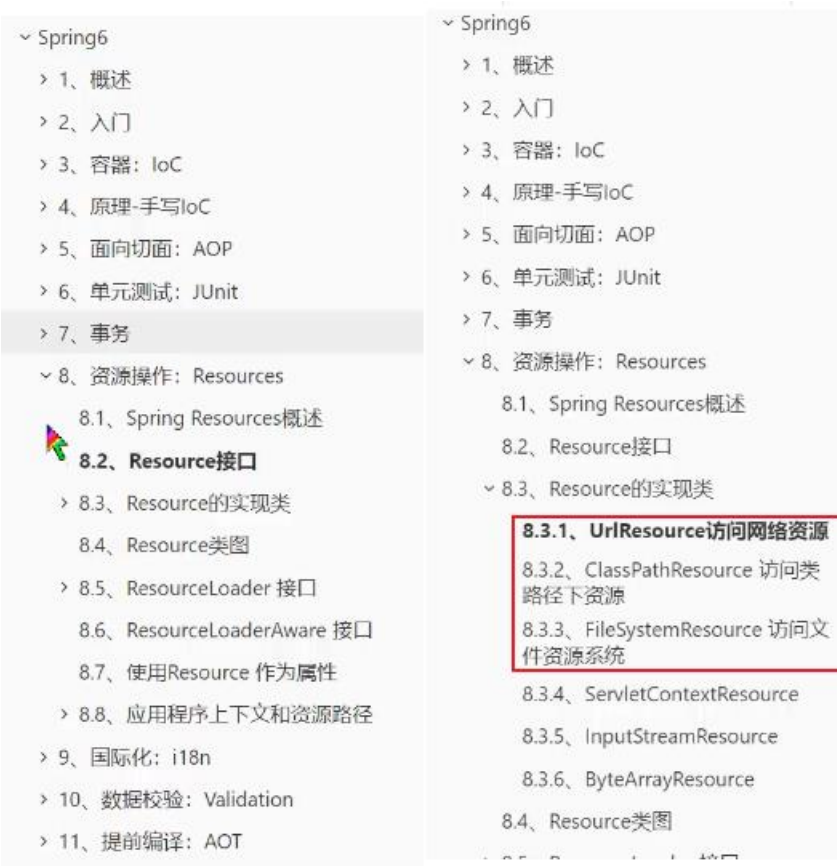

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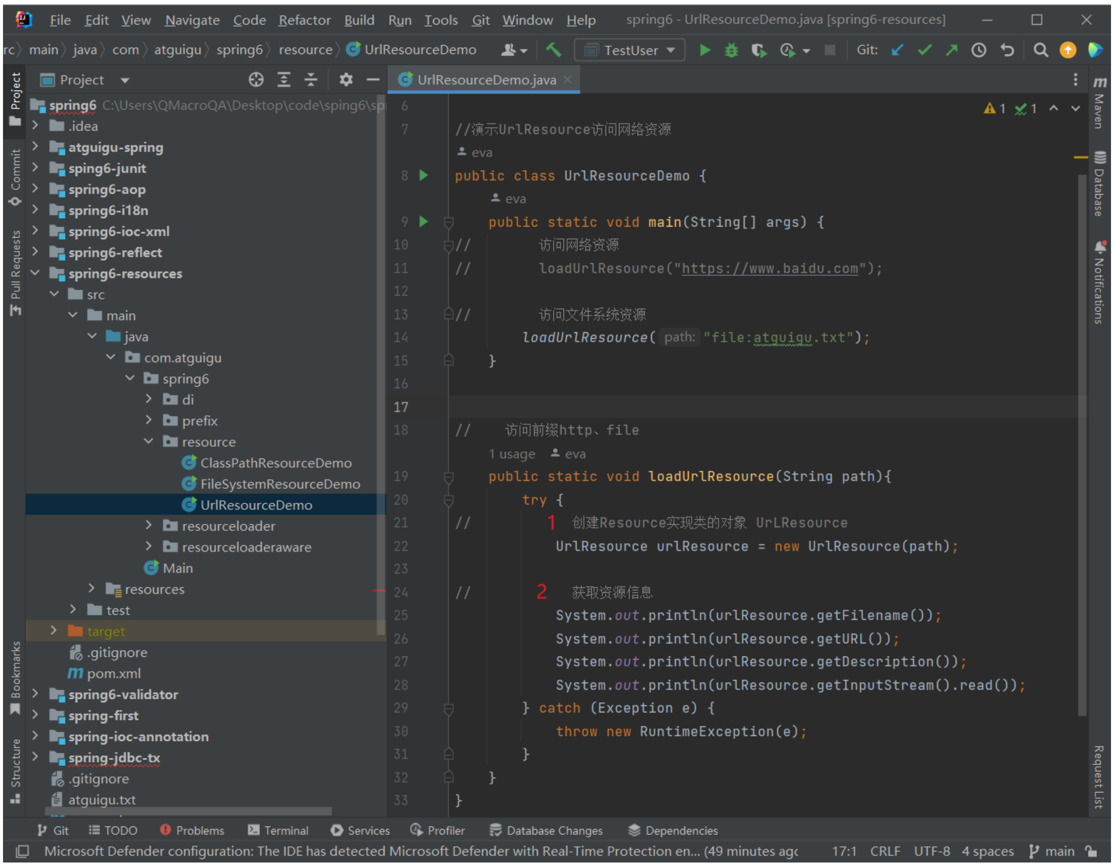
File Edit View Navigate Code Refactor Build Run Tools Git Window Help
spring6 - UrlResourceDemo.java [spring6-resources]
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Main
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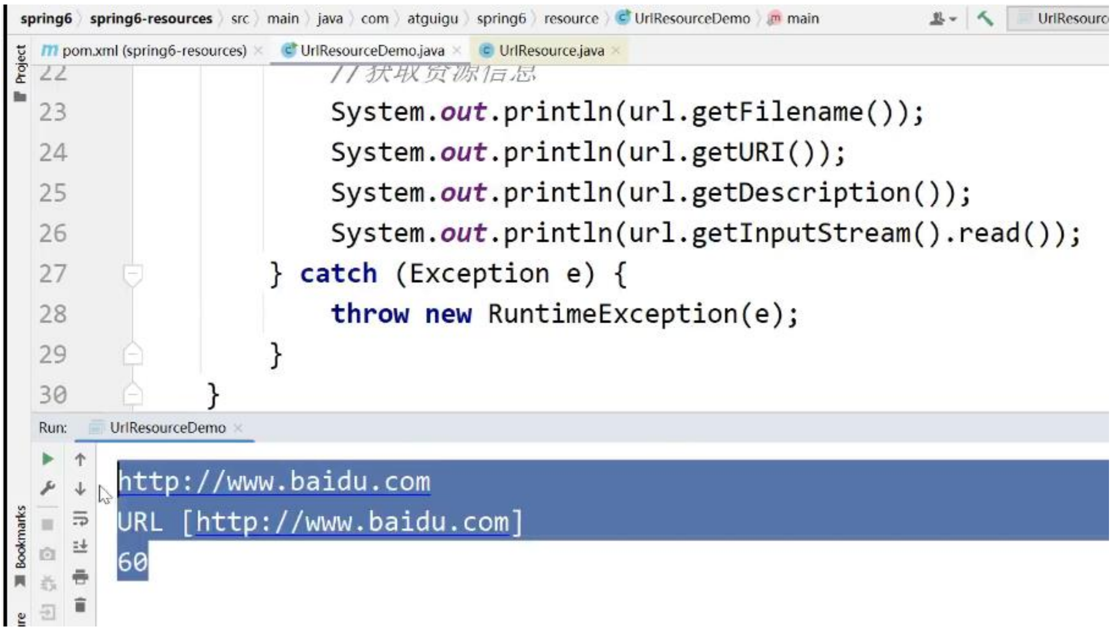
.gitignore
atguigu.txt
Git TODO Problems Terminal Services Profiler Database Changes Dependencies
Microsoft Defender configuration: The IDE has detected Microsoft Defender with Real-Time Protection en... (49 minutes agc
17:1 CRLF UTF-8 4 spaces main

```java
//演示UrlResource访问网络资源
public class UrlResourceDemo {
    public static void main(String[] args) {
//        访问网络资源
//        loadUrlResource("https://www.baidu.com");

//        访问文件系统资源
        loadUrlResource( path: "file:atguigu.txt");
    }


//    访问前缀http、file
    public static void loadUrlResource(String path){
        try {
//            1  创建Resource实现类的对象 UrLResource
            UrlResource urlResource = new UrlResource(path);

//           2   获取资源信息
            System.out.println(urlResource.getFilename());
            System.out.println(urlResource.getURL());
            System.out.println(urlResource.getDescription());
            System.out.println(urlResource.getInputStream().read());
        } catch (Exception e) {
            throw new RuntimeException(e);
        }
    }
}
```

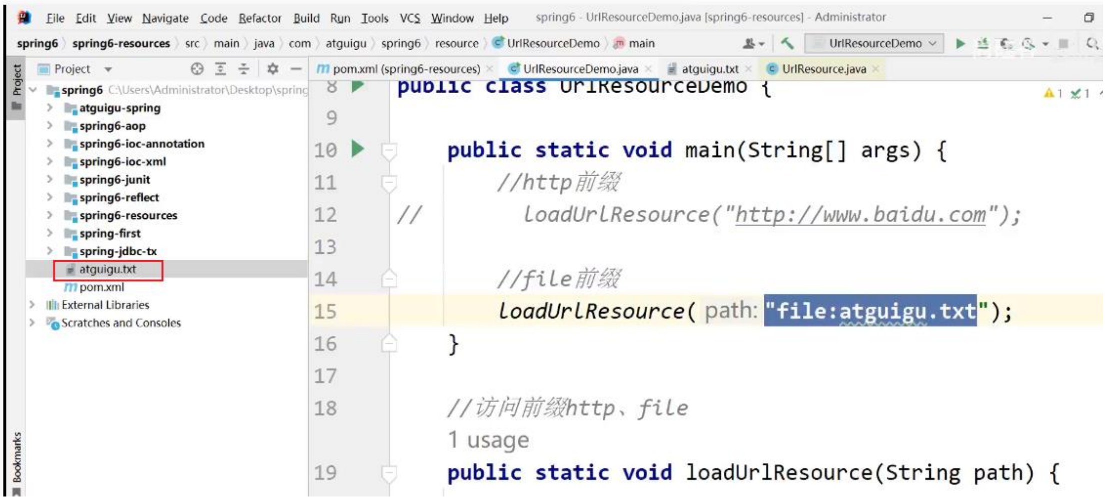
运行：


spring6 › spring6-resources › src › main › java › com › atguigu › spring6 › resource › UrlResourceDemo › main
pom.xml (spring6-resources)
UrlResourceDemo.java
UrlResource.java
Run: UrlResourceDemo

```
            //获取资源信息
            System.out.println(url.getFilename());
            System.out.println(url.getURI());
            System.out.println(url.getDescription());
            System.out.println(url.getInputStream().read());
        } catch (Exception e) {
            throw new RuntimeException(e);
        }
    }
```

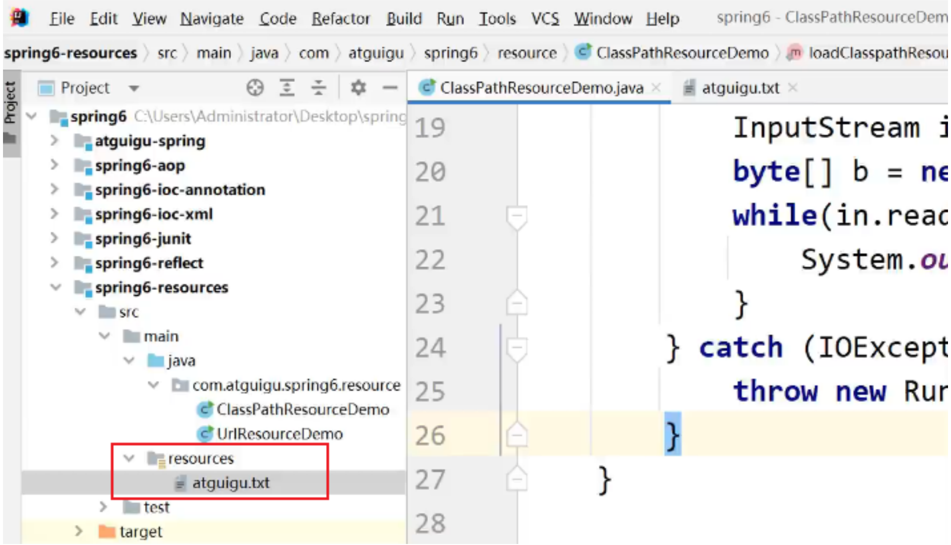
```
http://www.baidu.com
URL [http://www.baidu.com]
60
```

文件放到根目录下

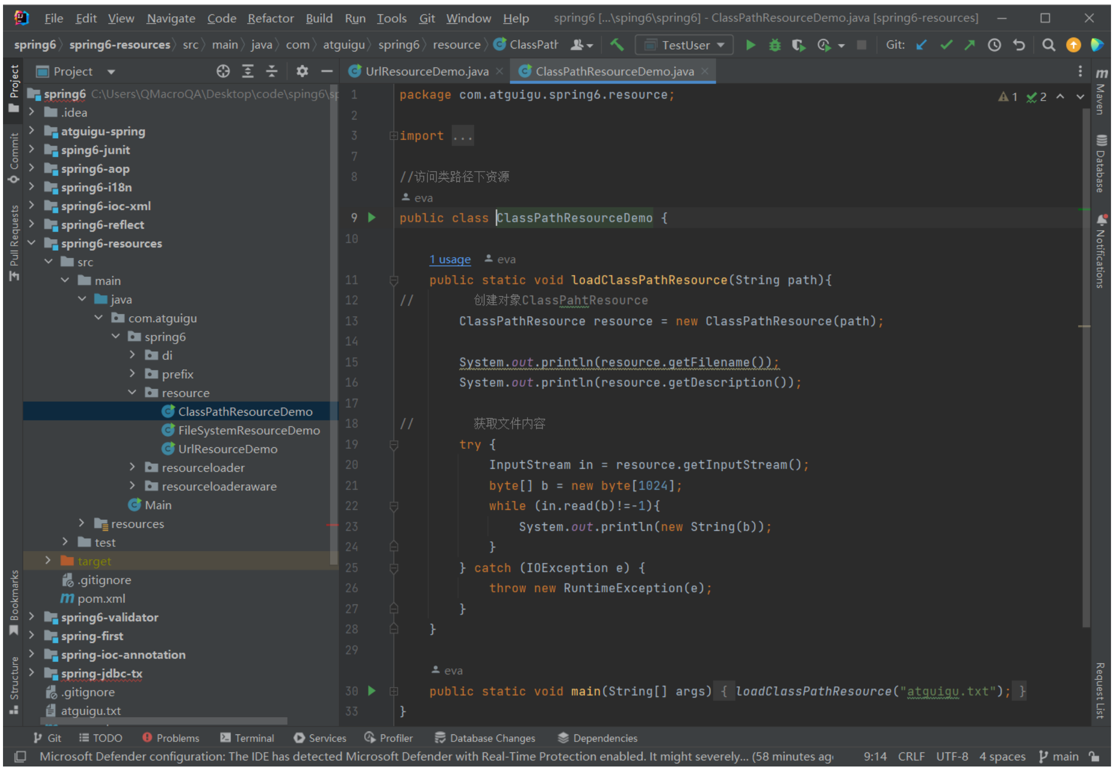

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
spring6 - UrlResourceDemo.java [spring6-resources] - Administrator
spring6 › spring6-resources › src › main › java › com › atguigu › spring6 › resource › UrlResourceDemo › main
Project
spring6 C:\Users\Administrator\Desktop\spring
atguigu-spring
spring6-aop
spring6-ioc-annotation
spring6-ioc-xml
spring6-junit
spring6-reflect
spring6-resources
spring-first
spring-jdbc-tx
atguigu.txt
pom.xml
External Libraries
Scratches and Consoles
pom.xml (spring6-resources)
UrlResourceDemo.java
atguigu.txt
UrlResource.java

```
public class UrlResourceDemo {

    public static void main(String[] args) {
        //http前缀
//        loadUrlResource("http://www.baidu.com");

        //file前缀
        loadUrlResource( path: "file:atguigu.txt");
    }

    //访问前缀http、file
    1 usage
    public static void loadUrlResource(String path) {
```

访问类路径下资源:

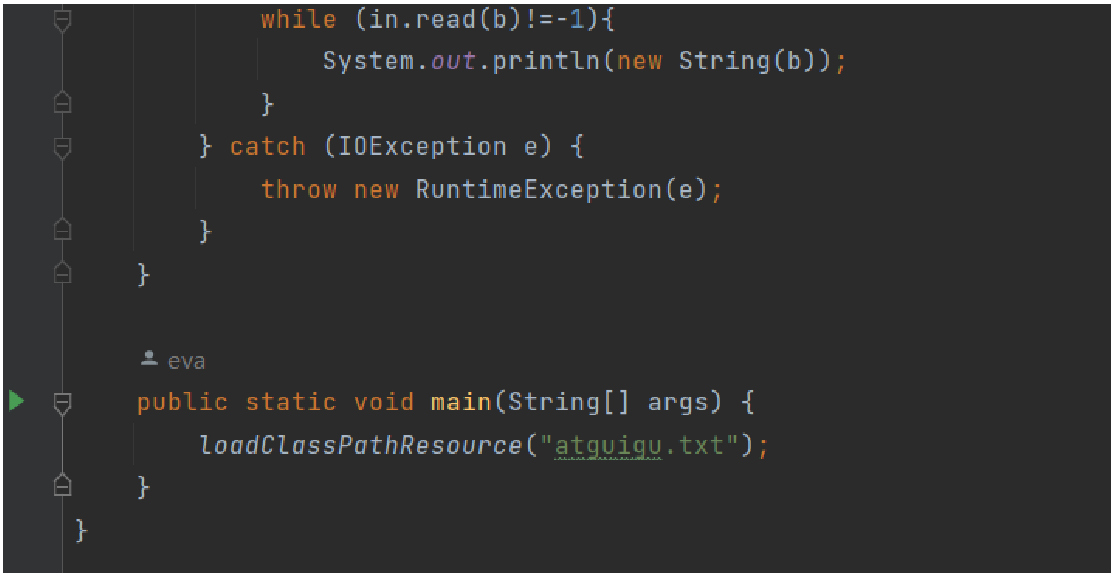

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
spring6 - ClassPathResourceDem
spring6-resources › src › main › java › com › atguigu › spring6 › resource › ClassPathResourceDemo › loadClasspathResou
Project
spring6 C:\Users\Administrator\Desktop\spring
atguigu-spring
spring6-aop
spring6-ioc-annotation
spring6-ioc-xml
spring6-junit
spring6-reflect
spring6-resources
src
main
java
com.atguigu.spring6.resource
ClassPathResourceDemo
UrlResourceDemo
resources
atguigu.txt
test
target
ClassPathResourceDemo.java
atguigu.txt

```
            InputStream i
            byte[] b = ne
            while(in.reac
                System.ou
            }
        } catch (IOExcept
            throw new Rur
        }
    }
```



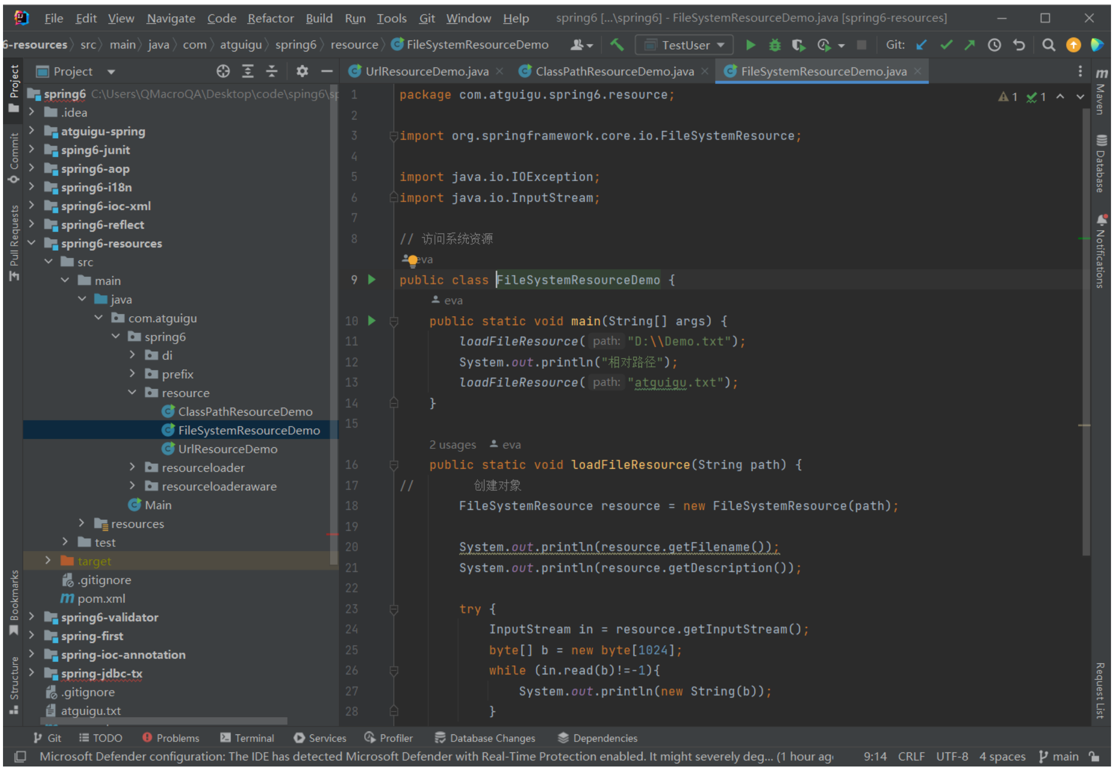
```java
package com.atguigu.spring6.resource;

import ...

//访问类路径下资源
public class ClassPathResourceDemo {

    public static void loadClassPathResource(String path){
//        创建对象ClassPahtResource
        ClassPathResource resource = new ClassPathResource(path);

        System.out.println(resource.getFilename());
        System.out.println(resource.getDescription());

//        获取文件内容
        try {
            InputStream in = resource.getInputStream();
            byte[] b = new byte[1024];
            while (in.read(b)!=-1){
                System.out.println(new String(b));
            }
        } catch (IOException e) {
            throw new RuntimeException(e);
        }
    }

    public static void main(String[] args) { loadClassPathResource("atguigu.txt"); }
}
```

Microsoft Defender configuration: The IDE has detected Microsoft Defender with Real-Time Protection enabled. It might severely... (58 minutes ag

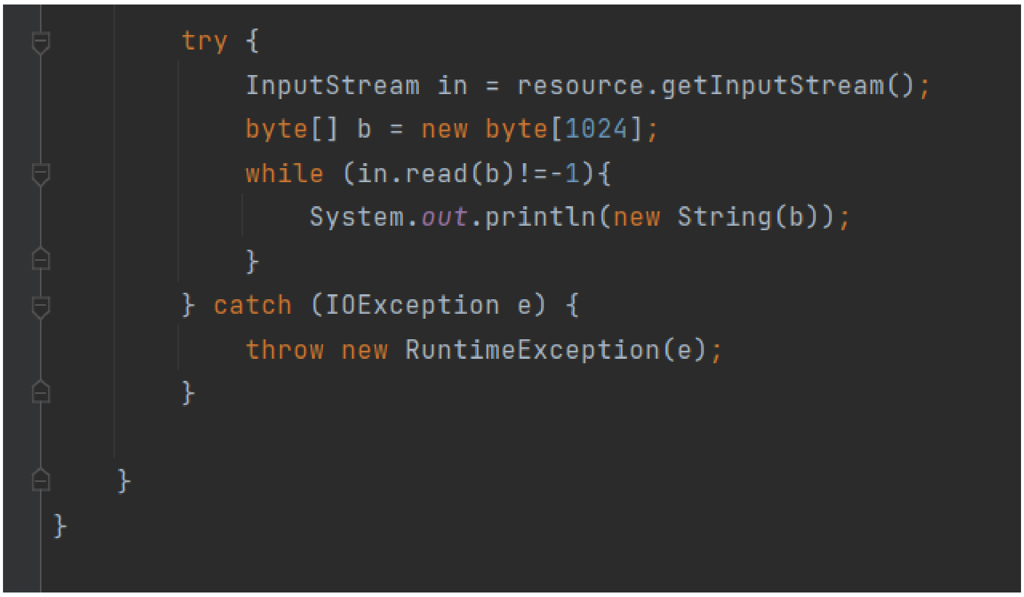


```java
            while (in.read(b)!=-1){
                System.out.println(new String(b));
            }
        } catch (IOException e) {
            throw new RuntimeException(e);
        }
    }

    public static void main(String[] args) {
        loadClassPathResource("atguigu.txt");
    }
}
```

访问嗯文件资源系统:

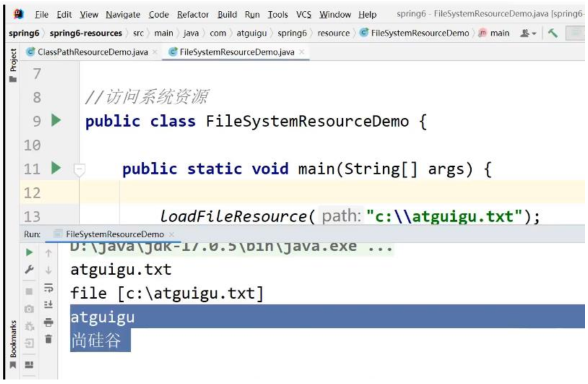


```java
package com.atguigu.spring6.resource;

import org.springframework.core.io.FileSystemResource;

import java.io.IOException;
import java.io.InputStream;

// 访问系统资源
public class FileSystemResourceDemo {

    public static void main(String[] args) {
        loadFileResource("D:\\Demo.txt");
        System.out.println("相对路径");
        loadFileResource("atguigu.txt");
    }

    public static void loadFileResource(String path) {
//        创建对象
        FileSystemResource resource = new FileSystemResource(path);

        System.out.println(resource.getFilename());
        System.out.println(resource.getDescription());

        try {
            InputStream in = resource.getInputStream();
            byte[] b = new byte[1024];
            while (in.read(b)!=-1){
                System.out.println(new String(b));
            }
```



```java
        try {
            InputStream in = resource.getInputStream();
            byte[] b = new byte[1024];
            while (in.read(b)!=-1){
                System.out.println(new String(b));
            }
        } catch (IOException e) {
            throw new RuntimeException(e);
        }


    }
}
```

结果:



```java
//访问系统资源
public class FileSystemResourceDemo {

    public static void main(String[] args) {

        loadFileResource("c:\\atguigu.txt");
```

```
D:\java\jdk-17.0.5\bin\java.exe ...
atguigu.txt
file [c:\atguigu.txt]
atguigu
尚硅谷
```