信息科学技术学院实验报告（首页）

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| **课程名称** | | **移动应用开发** | | | **班级** | **17软2** | |
| **实验名称** | | **实验二** | | | **教导教师** | | **曾少宁** |
| **姓名** | **郑润楷** | | **学号** | **1714080902221** | **日期** | **2019/3/13** | |
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1. Soft1714080902221Activity.java

**package** edu.hzuapps.shiyan2;  
**import** android.annotation.SuppressLint;  
**import** android.app.Activity;  
**import** android.content.Context;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
**import** java.io.FileInputStream;  
**import** java.io.FileOutputStream;  
**public class** Soft1714080902221Activity **extends** Activity {  
 **private** EditText et\_info;  
 **private** Button btn\_save;  
 **private** Button btn\_read;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 et\_info = (EditText) findViewById(R.id.et\_info);  
 btn\_save = (Button) findViewById(R.id.btn\_save);  
 btn\_read = (Button) findViewById(R.id.btn\_read);  
 btn\_save.setOnClickListener(**new** ButtonListener());  
 btn\_read.setOnClickListener(**new** ButtonListener());  
 }  
 **private class** ButtonListener **implements** View.OnClickListener {  
 @SuppressLint(**"WrongConstant"**)  
 **public void** onClick(View v){  
 **switch**(v.getId()){  
 **case** R.id.btn\_save:  
 String saveinfo=et\_info.getText().toString().trim();  
 FileOutputStream fos;  
 **try**{  
 fos=openFileOutput(**"data.txt"**, Context.MODE\_APPEND);  
 fos.write(saveinfo.getBytes());  
 fos.close();  
 }**catch**(Exception e){  
 e.printStackTrace();  
 }  
 Toast.makeText(MainActivity.**this**,**"数据保存成功"**,0).show();  
 **break**;  
 **case** R.id.btn\_read:  
 String content=**""**;  
 **try**{  
 FileInputStream fis=openFileInput(**"data.text"**);  
 **byte**[] buffer=**new byte**[fis.available()];  
 fis.read(buffer);  
 content=**new** String(buffer);  
 fis.close(); }**catch**(Exception e){  
 e.printStackTrace();  
 }  
 Toast.makeText(MainActivity.**this**,**"保存的数据是："**+content,0).show();  
 **break**;  
 **default**:  
 **break**;

（2）soft\_1714080902221\_activity.xml

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".Soft1714080902221Activity">

<TextView

android:id="@+id/textView1"

android:layout\_width="290dp"

android:layout\_height="wrap\_content"

android:layout\_alignParentLeft="true"

android:layout\_alignParentTop="true"

android:text="请输入您要存储的信息："

android:textSize="20dp"

tools:ignore="MissingConstraints"

tools:layout\_editor\_absoluteX="16dp"

tools:layout\_editor\_absoluteY="140dp" />

<EditText

android:id="@+id/et\_info"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/textView1"

android:layout\_alignParentLeft="true"

android:ems="10"

tools:ignore="MissingConstraints"

tools:layout\_editor\_absoluteX="203dp"

tools:layout\_editor\_absoluteY="130dp" />

<requestFocus tools:ignore="MissingConstraints" />

/>

<Button

android:id="@+id/btn\_read"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/et\_info"

android:layout\_alignRight="@+id/et\_info"

android:text="读取信息"

tools:ignore="MissingConstraints"

tools:layout\_editor\_absoluteX="37dp"

tools:layout\_editor\_absoluteY="361dp" />

<Button

android:id="@+id/btn\_save"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/et\_info"

android:layout\_alignParentLeft="true"

android:text="保存信息"

tools:ignore="MissingConstraints"

tools:layout\_editor\_absoluteX="37dp"

tools:layout\_editor\_absoluteY="247dp" />

</RelativeLayout>

 