AndroidManifest.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.writingsdcard"
    android:versionCode="1"
    android:versionName="1.0" >
    <uses-sdk
        android:minSdkVersion="17"
        android:targetSdkVersion="17" />
    <uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE"/>
    <uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>
    <application
        android:allowBackup="true"
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >
        <activity
            android:name=".MainActivity"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

activity_main.xml

```xml
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:id="@+id/LinearLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:gravity="center"
    android:orientation="vertical"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context=".MainActivity" >

    <EditText
        android:id="@+id/editText1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:ems="10" />

    <Button
        android:id="@+id/buttonone"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="save" />
```

```xml
<Button
    android:id="@+id/buttontwoss"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="show" />


<TextView
    android:id="@+id/result"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_margin="35dp"
    android:text=""
    android:textAppearance="?android:attr/textAppearanceLarge" />


</LinearLayout>
```

MainActivity.java

```java
package com.example.writingsdcard;


import java.io.BufferedReader;
import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.OutputStreamWriter;

import android.app.Activity;
import android.os.Bundle;
```

```java
import android.os.Environment;

import android.view.Menu;

import android.view.View;

import android.view.View.OnClickListener;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import android.widget.Toast;


public class MainActivity extends Activity {

        private Button b1, b2;

        private EditText e;

        private String path = Environment.getExternalStorageDirectory().getPath()

                        + "/myfile.txt";

        private TextView result;


        @Override

        protected void onCreate(Bundle savedInstanceState) {

                super.onCreate(savedInstanceState);

                setContentView(R.layout.activity_main);

                b1 = (Button) findViewById(R.id.buttonone);

                b2 = (Button) findViewById(R.id.buttontwoss);

                e = (EditText) findViewById(R.id.editText1);

                result = (TextView) findViewById(R.id.result);


                b1.setOnClickListener(new OnClickListener() {


                        @Override

                        public void onClick(View arg0) {

                                try {

                                        File myfile = new File(path);
```

```java
                        myfile.createNewFile();
                        FileOutputStream fos = new FileOutputStream(myfile);
                        OutputStreamWriter out = new OutputStreamWriter(fos);
                        out.append(e.getText());
                        out.close();
                        fos.close();
                        Toast.makeText(getApplicationContext(),
                                    "saved 'myfile.txt' in "+path,
Toast.LENGTH_LONG).show();
                } catch (IOException e) {
                        e.printStackTrace();
                        Toast.makeText(getBaseContext(), e.getMessage(),
                                    Toast.LENGTH_LONG).show();
                }
            }
        });
        b2.setOnClickListener(new OnClickListener() {

            @Override
            public void onClick(View arg0) {
                try {
                        File myFile = new File(path);
                        FileInputStream fis = new FileInputStream(myFile);
                        BufferedReader bd = new BufferedReader(
                                    new InputStreamReader(fis));
                        String adata = "";
                        String buff = "";
                        while ((adata = bd.readLine()) != null) {
                            buff += adata + "\n";
                        }

                        result.setText(buff);
```

```java
                        bd.close();
                        Toast.makeText(getBaseContext(), "done reding 'myfile.txt from "+path,
                                Toast.LENGTH_LONG).show();
                    } catch (FileNotFoundException e) {
                        // TODO Auto-generated catch block
                        e.printStackTrace();
                    } catch (IOException e) {
                        // TODO Auto-generated catch block
                        e.printStackTrace();
                    }
                }
            });
        }
}
```

Strings.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <string name="app_name">writingsdcard</string>
    <string name="hello_world">Hello world!</string>
    <string name="action_settings">Settings</string>
</resources>
```