Application Name: File Load and Save

Java…

package com.example.fileloadandsave;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import java.io.BufferedReader;  
import java.io.FileInputStream;  
import java.io.FileNotFoundException;  
import java.io.FileOutputStream;  
import java.io.IOException;  
import java.io.InputStreamReader;  
import java.nio.charset.StandardCharsets;  
  
public class MainActivity extends AppCompatActivity {  
 private static final String *FILE\_NAME*="hellomsc.txt";  
 EditText edtText;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 edtText=findViewById(R.id.*edit\_text*);  
 }  
  
 public void save(View v){  
 String text=edtText.getText().toString();  
 FileOutputStream fos = null;  
 FileOutputStream fot=null;  
 try {  
 fot=openFileOutput(*FILE\_NAME*,*MODE\_PRIVATE*);  
 fot.write(text.getBytes());  
 } catch (FileNotFoundException e) {  
 e.printStackTrace();  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
  
 try {  
 fos=openFileOutput(*FILE\_NAME*, *MODE\_PRIVATE*);  
 fos.write(text.getBytes(StandardCharsets.*UTF\_8*));  
 edtText.getText().clear();  
  
 Toast.*makeText*(this,  
 "File is saved in "+ getFilesDir()+ "/" + *FILE\_NAME*,  
 Toast.*LENGTH\_LONG*).show();  
 } catch (FileNotFoundException e) {  
 e.printStackTrace();  
 } catch (IOException e) {  
 e.printStackTrace();  
 } finally {  
 if (fos!=null){  
 try {  
 fos.close();  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 }  
   
   
 public void load(View v){  
 FileInputStream fis = null;  
  
 try {  
 fis = openFileInput(*FILE\_NAME*);  
 InputStreamReader isr = new InputStreamReader(fis);  
 BufferedReader br = new BufferedReader(isr);  
  
  
 StringBuilder sb = new StringBuilder();  
 String text;  
  
 while ((text = br.readLine()) != null) {  
  
 sb.append(text).append("\n");  
 }  
  
 edtText.setText(sb.toString());  
  
 } catch (FileNotFoundException e) {  
 e.printStackTrace();  
 } catch (IOException e) {  
 e.printStackTrace();  
 } finally {  
 if (fis != null) {  
 try {  
 fis.close();  
 } catch (IOException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
 }  
  
  
}

XML……….

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
 <EditText  
 android:id="@+id/edit\_text"  
 android:layout\_width="match\_parent"  
 android:layout\_height="200dp" />  
  
 <Button  
 android:id="@+id/button\_save"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/edit\_text"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="16dp"  
 android:text="save"  
 android:onClick="save"/>  
  
 <Button  
 android:id="@+id/button\_load"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignStart="@+id/button\_save"  
 android:layout\_below="@+id/button\_save"  
 android:layout\_marginTop="17dp"  
 android:text="load"  
 android:onClick="load"/>  
 </RelativeLayout>

