

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 editText;
    @Override
    protected void onCreate(Bundle savedInstanceState)
    {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        editText=findViewById(R.id.edit_text);
    }

    public void save(View v){
        String text=editText.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));
        editText.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");
        }
    }
}

```

```

        editText.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/andro
id"
    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>
```

