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PRAKTIKUM 7

PROGRAM STUDI TEKNOLOGI INFORMASI

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```

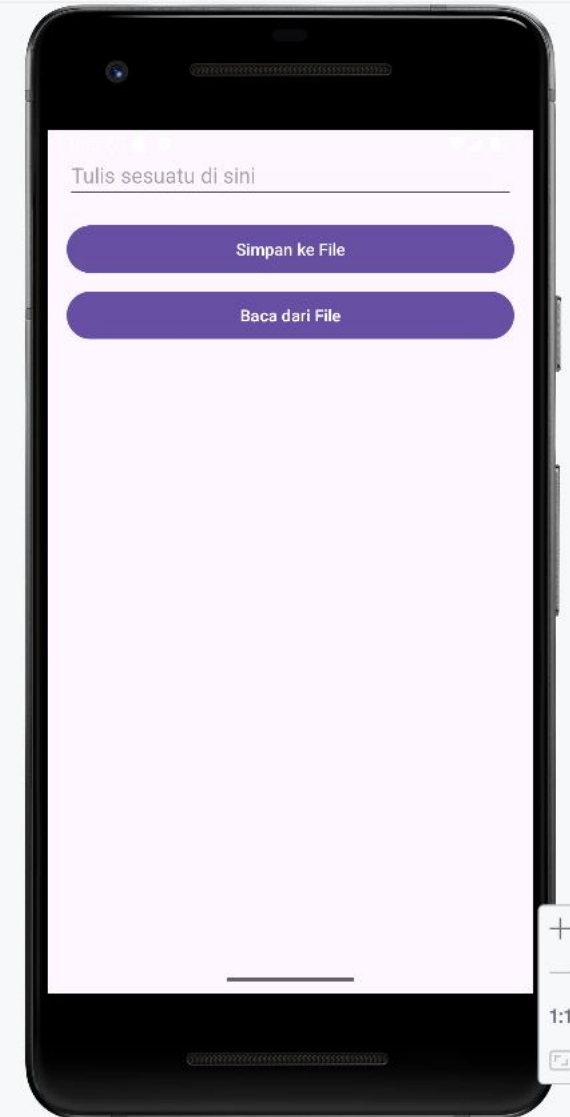
</> activity_main.xml  MainActivity.java  </> strings.xml
1  package com.example.aplikasisavenama;
2  import androidx.appcompat.app.AppCompatActivity;
3
4  import android.os.Bundle;
5  import android.view.View;
6  import android.widget.Button;
7  import android.widget.EditText;
8  import android.widget.TextView;
9
10 import java.io.BufferedReader;
11 import java.io.File;
12 import java.io.FileOutputStream;
13 import java.io.FileReader;
14 import java.io.IOException;
15
16 </> public class MainActivity extends AppCompatActivity {
17
18     2 usages
19     public static final String FILENAME = "contohfile.txt";
20
21     3 usages
22     EditText inputText;
23     2 usages
24     Button btnSimpan, btnBaca;
25     3 usages
26     TextView hasilBaca;
27
28     @Override
29     protected void onCreate(Bundle savedInstanceState) {
30         super.onCreate(savedInstanceState);
31         setContentView(R.layout.activity_main);
32     }
33 }

```

5 11 ^ v

Running Devices

Pixel 2 AP...



kasSaveNama > app > src > main > java > com > example > aplikasisavenama > MainActivity

80:2 LF UTF-8 4 spaces



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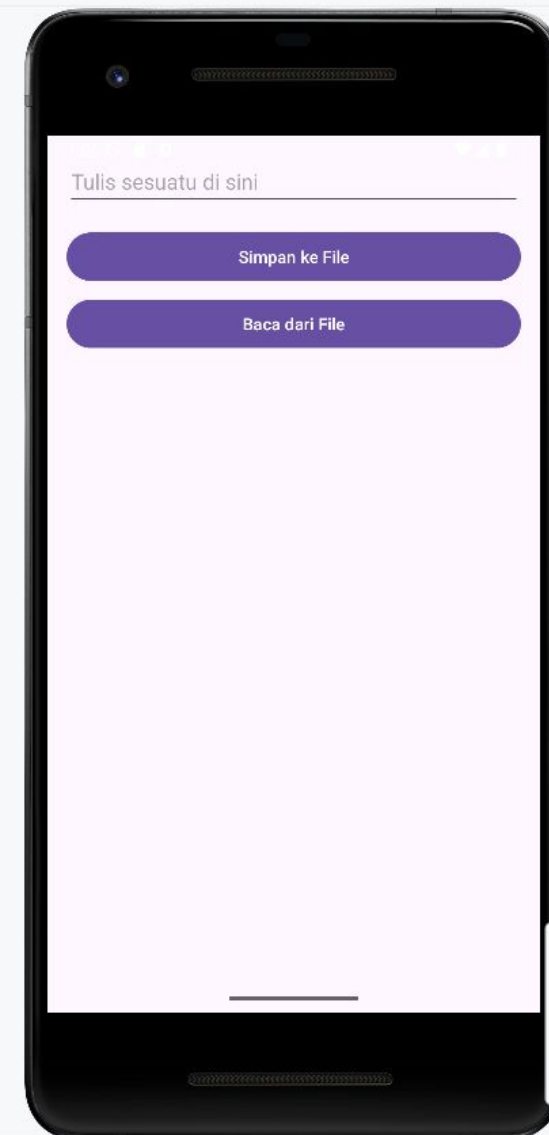


activity_main.xml MainActivity.java strings.xml

```
16 public class MainActivity extends AppCompatActivity {
25     protected void onCreate(Bundle savedInstanceState) {
29         editText = findViewById(R.id.editTextInput);
30         btnSimpan = findViewById(R.id.buttonSimpan);
31         btnBaca = findViewById(R.id.buttonBaca);
32         hasilBaca = findViewById(R.id.textHasil);
33
34         btnSimpan.setOnClickListener(new View.OnClickListener() {
35             @Override
36             public void onClick(View v) {
37                 simpanKeFile();
38             }
39         });
40
41         btnBaca.setOnClickListener(new View.OnClickListener() {
42             @Override
43             public void onClick(View v) {
44                 bacaDariFile();
45             }
46         });
47     }
48
49     1 usage
50     private void simpanKeFile() {
51         String teks = editText.getText().toString();
52         File file = new File(getFilesDir(), FILENAME);
53         try (FileOutputStream fos = new FileOutputStream(file, append: false)) {
54             fos.write(teks.getBytes());
55             fos.flush();
56             editText.setText("");
57         } catch (IOException e) {
58             e.printStackTrace();
59         }
60     }
61 }
```

Running Devices

Pixel 2 AP...



1:1





activity_main.xml MainActivity.java strings.xml

```
16 public class MainActivity extends AppCompatActivity {
49     private void simpanKeFile() {
58     }
59 }
60
61 1 usage
62 private void bacaDariFile() {
63     File file = new File(getFilesDir(), FILENAME);
64     if (file.exists()) {
65         StringBuilder builder = new StringBuilder();
66         try {
67             BufferedReader br = new BufferedReader(new FileReader(file));
68             String baris;
69             while ((baris = br.readLine()) != null) {
70                 builder.append(baris).append("\n");
71             }
72             br.close();
73         } catch (IOException e) {
74             e.printStackTrace();
75         }
76         hasilBaca.setText(builder.toString());
77     } else {
78         hasilBaca.setText("File belum dibuat.");
79     }
80 }
81 }
```

Running Devices

Pixel 2 AP...



1:1



Activity Editor showing the XML layout for activity_main.xml. The layout includes an EditText, two Buttons, and a TextView.

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp">

    <EditText
        android:id="@+id/editTextInput"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Tulis sesuatu di sini" />

    <Button
        android:id="@+id/buttonSimpan"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Simpan ke File"
        android:layout_marginTop="16dp" />

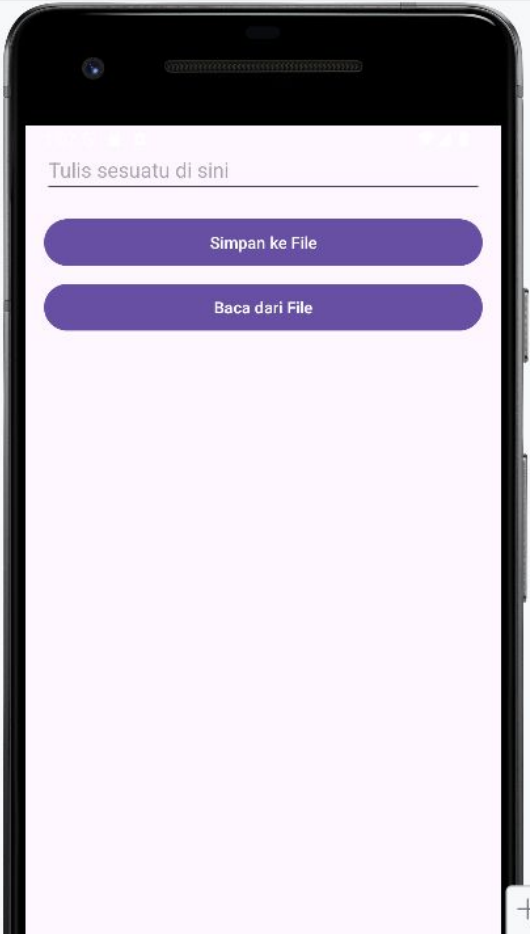
    <Button
        android:id="@+id/buttonBaca"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Baca dari File"
        android:layout_marginTop="8dp" />

    <TextView
        android:id="@+id/textHasil"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Hasil baca akan muncul di sini"
        android:paddingTop="24dp" />

</LinearLayout>
```

Running Devices: Pixel 2 API 36

Preview of the app interface on a Pixel 2 device:



1. Di manakah file contohfile.txt disimpan?
2. Tambahkan ubah dan delete file!
3. Buat laporan praktikumnya.



TERIMA KASIH



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