

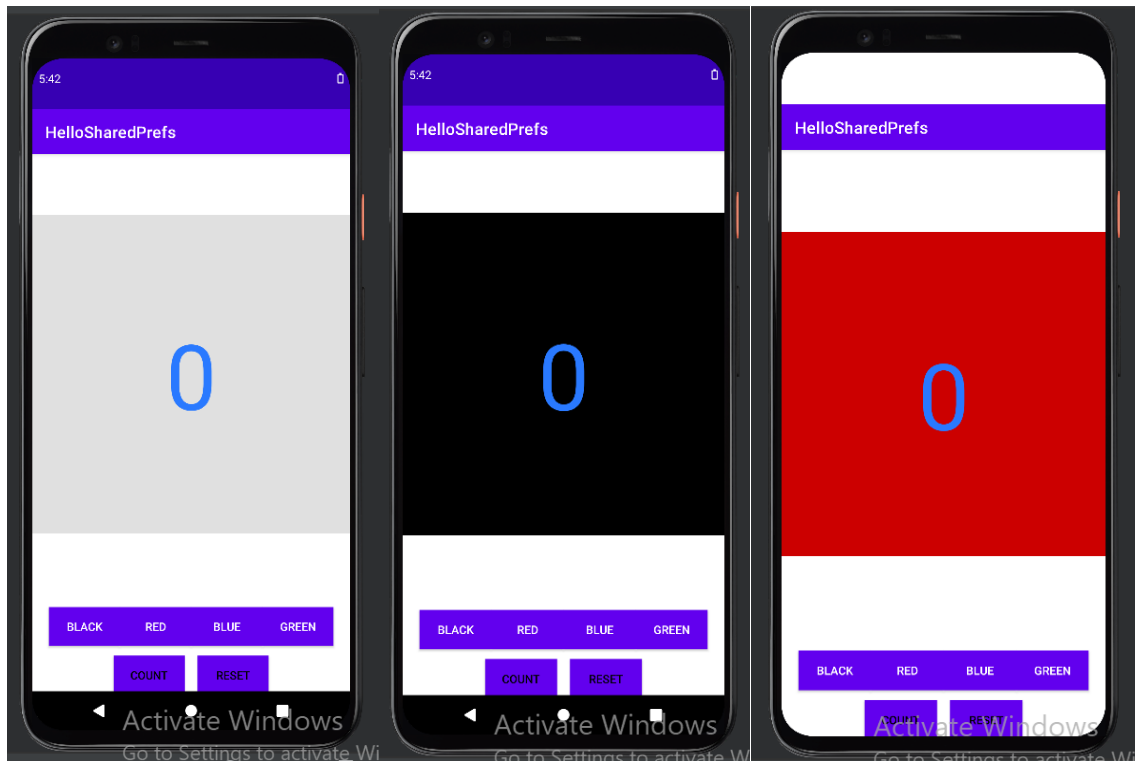
Mata Kuliah : Pemrograman Mobile – TI – S1

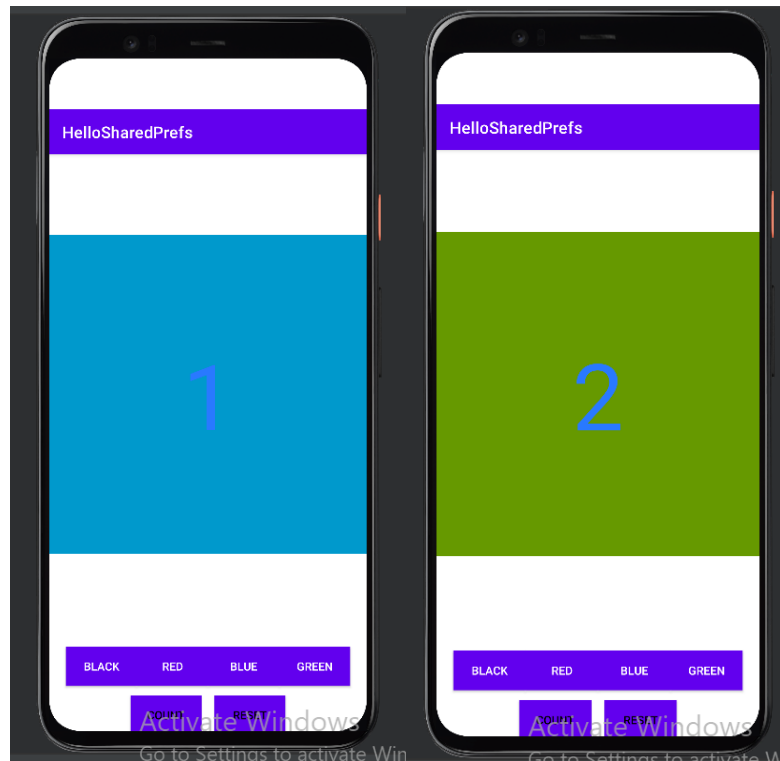
Pertemuan : Minggu 7

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1. App HelloSharedPrefs





- **MainActivity.java**

```
package com.example.hellosharedprefs;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.content.ContextCompat;

import android.content.SharedPreferences;
import android.graphics.drawable.ColorDrawable;
import android.os.Bundle;
import android.view.View;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    // Current count
    private int mCount = 0;
    // Current background color
    private int mColor;
    // Text view to display both count and color
    private TextView mShowCountTextView;
    // Key for current count
    private final String COUNT_KEY = "count";
    // Key for current color
    private final String COLOR_KEY = "color";
    // Shared preferences object
    private SharedPreferences mPreferences;

    // Name of shared preferences file
    private String sharedPrefFile = "com.ryn.android.hellosharedprefs";
    @Override
```

```

        protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);
            setContentView(R.layout.activity_main);
// Initialize views, color, preferences
            mShowCountTextView = findViewById(R.id.count_textview);
            mColor = ContextCompat.getColor(this, R.color.default_background);
            mPreferences = getSharedPreferences(sharedPrefFile, MODE_PRIVATE);
// Restore preferences
            mCount = mPreferences.getInt(COUNT_KEY, 0);
            mShowCountTextView.setText(String.format("%s", mCount));
            mColor = mPreferences.getInt(COLOR_KEY, mColor);
            mShowCountTextView.setBackgroundColor(mColor);
        }
/**
 * Handles the onClick for the background color buttons. Gets
 * background
 * color of the button that was clicked, and sets the TextView
 * background
 * to that color.
 *
 * @param view The view (Button) that was clicked.
 */
        public void changeBackground(View view) {
            int color = ((ColorDrawable) view.getBackground()).getColor();
            mShowCountTextView.setBackgroundColor(color);
            mColor = color;
        }
/**
 * Handles the onClick for the Count button. Increments the value of
 * the
 * mCount global and updates the TextView.
 *
 * @param view The view (Button) that was clicked.
 */
        public void countUp(View view) {
            mCount++;
            mShowCountTextView.setText(String.format("%s", mCount));
        }
/**
 * Handles the onClick for the Reset button. Resets the global count
 * and
 * background variables to the defaults and resets the views to those
 * default values.
 *
 * @param view The view (Button) that was clicked.
 */
        public void reset(View view) {
// Reset count
            mCount = 0;
            mShowCountTextView.setText(String.format("%s", mCount));
// Reset color
            mColor = ContextCompat.getColor(this, R.color.default_background);
            mShowCountTextView.setBackgroundColor(mColor);

// Clear preferences
            SharedPreferences.Editor preferencesEditor = mPreferences.edit();
            preferencesEditor.clear();

```

```

        preferencesEditor.apply();
    }
    /**
     * Callback for activity pause. Shared preferences are saved here.
     */
    @Override
    protected void onPause() {
        super.onPause();
        SharedPreferences.Editor preferencesEditor = mPreferences.edit();
        preferencesEditor.putInt(COUNT_KEY, mCount);
        preferencesEditor.putInt(COLOR_KEY, mColor);
        preferencesEditor.apply();
    }
}

```

- **Activity_main.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".MainActivity">

    <TextView
        android:id="@+id/count_textview"
        android:layout_width="0dp"
        android:layout_height="0dp"
        android:background="@color/default_background"
        android:gravity="center"
        android:text="@string/default_count"
        android:textColor="#2979FF"
        android:textSize="112sp"
        app:layout_constraintBottom_toTopOf="@+id/guideline_upper"
        app:layout_constraintDimensionRatio="1:1"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <androidx.constraintlayout.widget.Guideline
        android:id="@+id/guideline_upper"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        app:layout_constraintGuide_end="120dp"/>

    <Button
        android:id="@+id/black_background_button"
        style="@style/AppTheme.Button.Colored"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="@android:color/black"
        android:onClick="changeBackground"
        android:text="@string/black_button"
        app:layout_constraintBottom_toTopOf="@+id/guideline_lower"
        app:layout_constraintEnd_toStartOf="@+id/red_background_button"

```

```

        app:layout_constraintHorizontal_chainStyle="packed"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@+id/guideline_upper"/>
<Button
    android:id="@+id/red_background_button"
    style="@style/AppTheme.Button.Colored"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@color/red_background"
    android:onClick="changeBackground"
    android:text="@string/red_button"
    app:layout_constraintBottom_toTopOf="@+id/guideline_lower"
    app:layout_constraintEnd_toStartOf="@+id/blue_background_button"
    app:layout_constraintStart_toEndOf="@+id/black_background_button"
    app:layout_constraintTop_toTopOf="@+id/guideline_upper"/>
<Button
    android:id="@+id/blue_background_button"
    style="@style/AppTheme.Button.Colored"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@color/blue_background"
    android:onClick="changeBackground"
    android:text="@string/blue_button"
    android:textColor="@color/white"
    app:layout_constraintBottom_toTopOf="@+id/guideline_lower"
    app:layout_constraintEnd_toStartOf="@+id/green_background_button"
    app:layout_constraintStart_toEndOf="@+id/red_background_button"
    app:layout_constraintTop_toTopOf="@+id/guideline_upper" />
<Button
    android:id="@+id/green_background_button"
    style="@style/AppTheme.Button.Colored"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@color/green_background"

    android:onClick="changeBackground"
    android:text="@string/green_button"
    android:textColor="@color/white"
    app:layout_constraintBottom_toTopOf="@+id/guideline_lower"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toEndOf="@+id/blue_background_button"
    app:layout_constraintTop_toTopOf="@+id/guideline_upper" />
<androidx.constraintlayout.widget.Guideline
    android:id="@+id/guideline_lower"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    app:layout_constraintGuide_end="56dp"/>
<Button
    android:id="@+id/count_button"
    style="@style/AppTheme.Button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginEnd="16dp"
    android:layout_marginRight="16dp"
    android:onClick="countUp"
    android:text="@string/count_button"

```

```

        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toStartOf="@+id/reset_button"
        app:layout_constraintHorizontal_chainStyle="packed"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/guideline_lower"/>
    <Button
        android:id="@+id/reset_button"
        style="@style/AppTheme.Button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="reset"
        android:text="@string/reset_button"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toEndOf="@+id/count_button"
        app:layout_constraintTop_toBottomOf="@+id/guideline_lower"/>
</androidx.constraintlayout.widget.ConstraintLayout>

```

- **Colors.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF6200EE</color>
    <color name="purple_700">#FF3700B3</color>
    <color name="teal_200">#FF03DAC5</color>
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
    <color name="colorPrimary">#3F51B5</color>
    <color name="colorPrimaryDark">#303F9F</color>
    <color name="colorAccent">#FF4081</color>
    <color name="red_background">#CC0000</color>
    <color name="blue_background">#0099CC</color>
    <color name="green_background">#669900</color>
    <color name="default_background">#E0E0E0</color>
</resources>

```

- **Strings.xml**

```

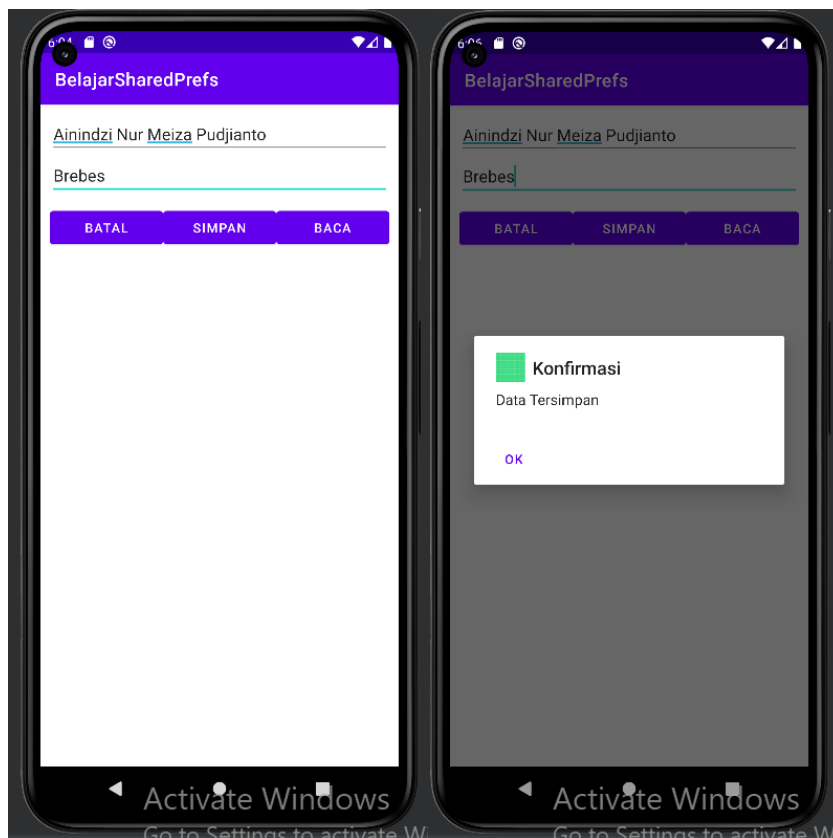
<resources>
    <string name="app_name">HelloSharedPrefs</string>
    <string name="blue_button">Blue</string>
    <string name="green_button">Green</string>
    <string name="red_button">Red</string>
    <string name="black_button">Black</string>
    <string name="default_count">0</string>
    <string name="count_button">Count</string>
    <string name="reset_button">Reset</string>
</resources>

```

- **Styles.xml**

```
<resources>
    <!-- Base application theme. -->
    <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
        <!-- Customize your theme here. -->
        <item name="colorPrimary">@color/colorPrimary</item>
        <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
        <item name="colorAccent">@color/colorAccent</item>
    </style>
    <!-- Base button styles, from standard material buttons. -->
    <style name="AppTheme.Button" parent="Widget.AppCompat.Button">
        <item name="android:background">@color/default_background</item>
        <item name="android:textColor">@android:color/black</item>
        <item name="android:layout_marginTop">16dp</item>
    </style>
    <!-- Colored button styles -->
    <style name="AppTheme.Button.Colored" parent="AppTheme.Button">
        <item name="android:textColor">@android:color/white</item>
    </style>
</resources>
```

2. App BelajarSharedPreferences



- **MainActivity.java**

```

package com.example.belajarsharedprefs;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;
import android.app.AlertDialog;
import android.content.DialogInterface;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    TextView txtNama,txtAlamat;
    // Shared preferences object
    private SharedPreferences mPreferences;
    // Name of shared preferences file
    private static final String mSharedPrefFile =
        "com.ryn.belajarsharedprefs";

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        txtNama=(EditText) findViewById(R.id.inp_nama);
        txtAlamat=(EditText) findViewById(R.id.inp_alamat);
    }

    public void simpan(View view) {
        mPreferences=getSharedPreferences(mSharedPrefFile,
            Activity.MODE_PRIVATE);
        SharedPreferences.Editor editor=mPreferences.edit();

        editor.putString("namaku",txtNama.getText().toString());

        editor.putString("alamatku",txtAlamat.getText().toString());
        editor.commit();
        pesan();
    }

    public void batal(View view) {
        txtAlamat.setText("");
        txtNama.setText("");
    }

    public void Baca(View view) {
        mPreferences=getSharedPreferences(mSharedPrefFile,
            Activity.MODE_PRIVATE);

        txtNama.setText(mPreferences.getString("namaku",null));

        txtAlamat.setText(mPreferences.getString("alamatku",null));
    }

    private void pesan()
    {
        AlertDialog.Builder psn=new
            AlertDialog.Builder(this);
        psn.setTitle("Konfirmasi");
        psn.setMessage("Data Tersimpan");
        psn.setIcon(R.drawable.ic_launcher_background);
    }
}

```



```

        psn.setNeutralButton("OK", new
            DialogInterface.OnClickListener()
            {
                @Override
                public void onClick(DialogInterface dialogInterface, int
i) {
                    Toast.makeText(getApplicationContext(), "Sukses
simpan", Toast.LENGTH_SHORT).show();
                }
            });
        psn.show();
    }
}

```

- **Activity_main.xml**

```

<?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="10dp">
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Nama Lengkap"
        android:id="@+id/inp_nama"/>
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Alamat"
        android:id="@+id/inp_alamat"/>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="10dp"
        android:orientation="horizontal">
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Batal"
            android:onClick="batal"
            android:id="@+id/btn_cancel"/>
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Simpan"
            android:onClick="simpan"
            android:id="@+id/btn_simpan"/>
        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_weight="1"

```

```
        android:text="Baca"
        android:onClick="Baca"
        android:id="@+id/btn_baca"/>
    </LinearLayout>
</LinearLayout>
```

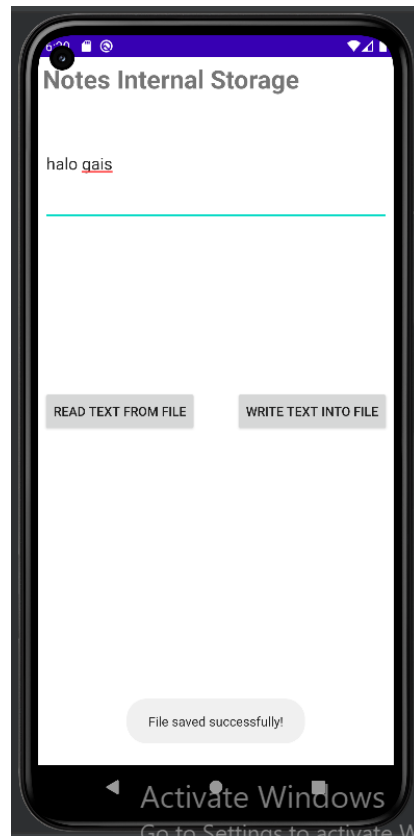
- **Colors.xml**

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF6200EE</color>
    <color name="purple_700">#FF3700B3</color>
    <color name="teal_200">#FF03DAC5</color>
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
</resources>
```

- **Strings.xml**

```
<resources>
    <string name="app_name">BelajarSharedPreferences</string>
</resources>
```

3. App NoteInternalStorage



- **MainActivity.java**

```
package com.example.noteinternalstorage;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Activity;
import android.os.Bundle;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;

import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.InputStreamReader;
import java.io.OutputStreamWriter;

public class MainActivity extends Activity {
    EditText textmsg;
    static final int READ_BLOCK_SIZE = 100;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        textmsg=(EditText) findViewById(R.id.editText1);
    }
}
```

```

    }
    // write text to file
    public void WriteBtn(View v) {
// add-write text into file
        try {
            FileOutputStream fileout=openFileOutput("mytextfile.txt",
MODE_PRIVATE);
            OutputStreamWriter outputWriter=new OutputStreamWriter(fileout);
            outputWriter.write(textmsg.getText().toString());
            outputWriter.close();
//display file saved message
            Toast.makeText(getApplicationContext(), "File saved successfully!",
                Toast.LENGTH_SHORT).show();
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
    // Read text from file
    public void ReadBtn(View v) {
//reading text from file
        try {
            FileInputStream fileIn=openFileInput("mytextfile.txt");
            InputStreamReader InputRead= new InputStreamReader(fileIn);
            char[] inputBuffer= new char[READ_BLOCK_SIZE];
            String s="";
            int charRead;
            while ((charRead=InputRead.read(inputBuffer))>0) {
// char to string conversion
                String readstring=String.valueOf(inputBuffer,0,charRead);
                s +=readstring;
            }
            InputRead.close();
            textmsg.setText(s);
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
}

```

- **Activity_main.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=".MainActivity">
    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentRight="true"
        android:padding="5dp"
        android:text="Notes Internal Storage"
    >

```

```

        android:textStyle="bold"
        android:textSize="28sp" />
    <EditText
        android:id="@+id/editText1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/textView1"
        android:layout_alignParentLeft="true"
        android:layout_alignParentRight="true"
        android:layout_marginStart="5dp"
        android:layout_marginTop="5dp"
        android:layout_marginEnd="5dp"
        android:layout_marginBottom="5dp"
        android:hint="@string/hint_name"
        android:minLines="5"
        android:textColorHint="#757575">
        <requestFocus />
    </EditText>
    <Button
        android:id="@+id/button1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Write Text into File"
        android:onClick="WriteBtn"
        android:layout_alignTop="@+id/button2"
        android:layout_alignRight="@+id/editText1"
        android:layout_alignEnd="@+id/editText1" />
    <Button
        android:id="@+id/button2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Read Text From file"
        android:onClick="ReadBtn"
        android:layout_centerVertical="true"
        android:layout_alignLeft="@+id/editText1"
        android:layout_alignStart="@+id/editText1" />
</RelativeLayout>

```

- **Colors.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="purple_200">#FFBB86FC</color>
    <color name="purple_500">#FF6200EE</color>
    <color name="purple_700">#FF3700B3</color>
    <color name="teal_200">#FF03DAC5</color>
    <color name="teal_700">#FF018786</color>
    <color name="black">#FF000000</color>
    <color name="white">#FFFFFFFF</color>
</resources>

```

- **Strings.xml**

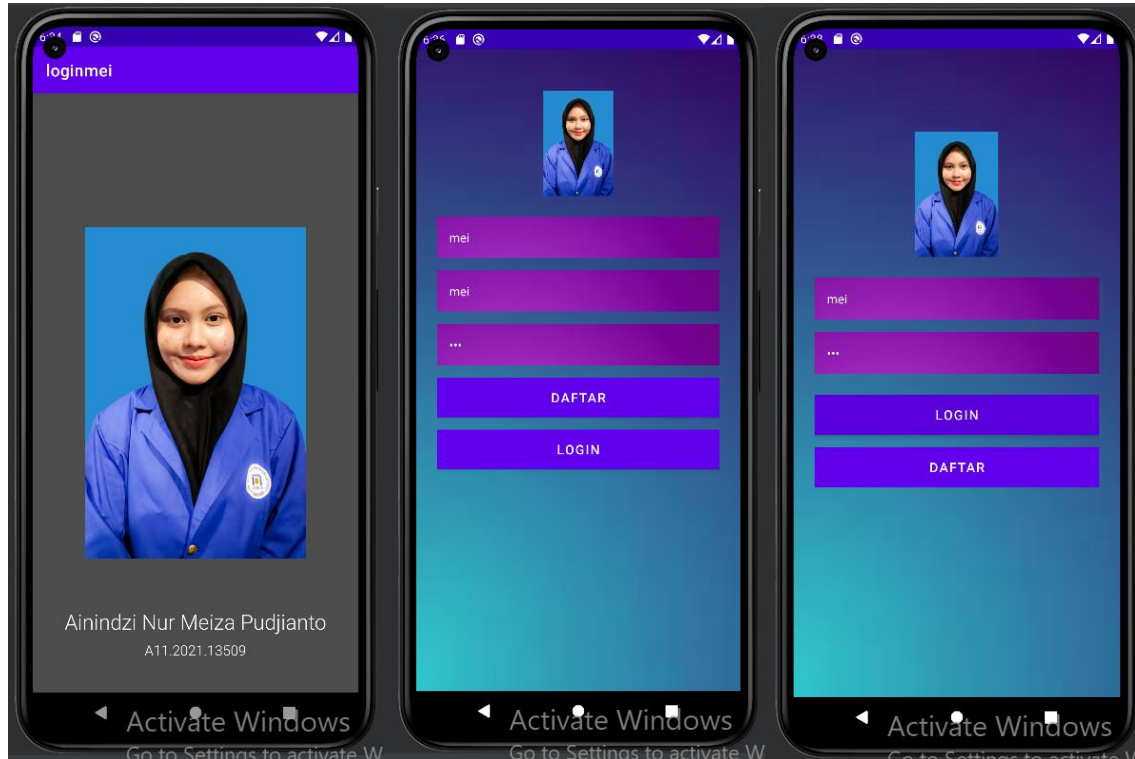
```

<resources>
    <string name="app_name">NoteInternalStorage</string>

```

```
<string name="hint_name">Enter the notes....</string>
</resources>
```

4. Aplikasi Login



- **LoginActivity.java**

```
package com.example.loginmei;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class LoginActivity extends AppCompatActivity {
    private Button btnLogin, btnRegis;
    private EditText username, password;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);
        getSupportActionBar().hide();
        username = (EditText) findViewById(R.id.user);
```

```

        password = (EditText) findViewById(R.id.pass);
        btnLogin = (Button) findViewById(R.id.btnLogin);
        btnRegis = (Button) findViewById(R.id.btnRegis);
        btnLogin.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String user = username.getText().toString(); //ambil dr
                String pass = password.getText().toString();
                SharedPreferences prefer =
                    getSharedPreferences("MYDATA", MODE_PRIVATE);
                String username = prefer.getString("user", null); //dari
                String password = prefer.getString("pass", null);
                System.out.println("User : "+user+" = "+username + ", dan
                pass = "+pass+"="+
                    password);
                if ((username != null && password != null) &&
                    (username.equals(user) &&
                     password.equals(pass)))
                { //username and password are present, do your stuff
                    Intent iMain = new Intent(LoginActivity.this,
                        MainActivity.class);
                    startActivity(iMain);
                } else
                {
                    Toast.makeText(getApplicationContext(),
                        "Belum register....!!! atau User & Password tidak
cocok...!!!",
                        Toast.LENGTH_SHORT).show();
                }
            }
        });
        btnRegis.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent iRegis = new Intent(LoginActivity.this,
                    RegisterActivity.class);startActivity(iRegis);
                finish();
            }
        });
    }
}

```

- **MainActivity.java**

```

package com.example.loginmei;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

```

```

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
}

public void mail(View view) {
    Toast.makeText(this, "Mail mu---sending---",
        Toast.LENGTH_SHORT).show();
}

public void job(View view){
    Intent iMain = new Intent( MainActivity.this,ProfileActivity.class);
    startActivity (iMain);
}
}

```

- **ProfileActivity.java**

```

package com.example.loginmei;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class ProfileActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_profile);
    }
}

```

- **RegisterActivity.java**

```

package com.example.loginmei;

import android.content.Intent;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

import androidx.appcompat.app.AppCompatActivity;

public class RegisterActivity extends AppCompatActivity {
    private Button btnLogin,btnDaftar;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_register);
        getSupportActionBar().hide();
        final EditText nama,username,password;
    }
}

```



```

nama = (EditText) findViewById(R.id.inputNama);
username = (EditText) findViewById(R.id.inputUser);
password = (EditText) findViewById(R.id.inputPass);
btnLogin = (Button) findViewById(R.id.btnLogin);
btnDaftar = (Button) findViewById(R.id.btnDaftar);
btnDaftar.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        SharedPreferences prefer =
            getSharedPreferences("MYDATA", MODE_PRIVATE);
        String newNama = nama.getText().toString();
        String newUser = username.getText().toString();
        String newPass = password.getText().toString();
        SharedPreferences.Editor edit = prefer.edit();
        edit.putString("nama", newNama);
        edit.putString("user", newUser);
        edit.putString("pass", newPass);
        edit.putString(newUser + newPass + "data", newUser + "\n" +
newNama);

        edit.commit();
        Intent iLogin = new Intent(RegisterActivity.this,
            LoginActivity.class);
        startActivity(iLogin);
    }
});
btnLogin.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent iLogin = new Intent(RegisterActivity.this,
            LoginActivity.class);
        startActivity(iLogin);
    }
});
}
}

```

- **SplashScreenActivity.java**

```

package com.example.loginmei;

import android.content.Intent;
import android.os.Handler;
import android.os.Bundle;

import androidx.appcompat.app.AppCompatActivity;

public class SplashScreenActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_splash_screen);
        new Handler().postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent Home = new Intent(SplashScreenActivity.this,
                    LoginActivity.class);
            }
        }, 2000);
    }
}

```

```

        startActivity(Home);
        //startActivity(new
Intent (SplashScreenActivity.this,MainActivity.class));
        finish();
    }
    },3000);
}
}

```

- **Activity_login.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    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"
    android:orientation="vertical"
    android:background="@drawable/bg_theme"
    tools:context=".LoginActivity">
    <ImageView
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:layout_marginTop="100dp"
        android:src="@drawable/meiza"
        android:layout_gravity="center"/>
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="vertical"
        android:padding="5dp"
        android:layout_marginLeft="20dp"
        android:layout_marginTop="20dp"
        android:layout_marginRight="20dp">
        <EditText
            android:id="@+id/user"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="@drawable/bg_input"
            android:padding="15dp"
            android:inputType="text"
            android:textSize="15dp"
            android:hint="Username"
            android:textColor="@android:color/white"
            android:textColorHint="@android:color/white"
            android:layout_marginBottom="15dp"/>
        <EditText
            android:id="@+id/pass"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:background="@drawable/bg_input"
            android:padding="15dp"
            android:inputType="textPassword"
            android:textSize="15dp"
            android:hint="Password"

```

```

        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:layout_marginBottom="25dp" />
    <Button
        android:id="@+id/btnLogin"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_button"
        android:textSize="16sp"
        android:textColor="@android:color/white"
        android:text="Login"
        android:layout_marginBottom="15dp"/>
    <Button
        android:id="@+id/btnRegis"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_button"
        android:textSize="16sp"
        android:textColor="@android:color/white"
        android:text="Daftar" />
</LinearLayout>
</LinearLayout>

```

- **Activity_main.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.gridlayout.widget.GridLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    app:columnCount="2"
    app:rowCount="2"
    app:orientation="horizontal">

    <FrameLayout
        app:layout_columnWeight="1"
        app:layout_rowWeight="1"
        android:background="#5F9EA0"
        >
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="match_parent">

            <ImageView
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_centerInParent="true"
                android:id="@+id/user"
                android:onClick="user"
                android:src="@drawable/user"/>

            <TextView
                android:layout_width="wrap_content"
                android:layout_marginTop="10dp"
                android:textSize="20sp"
                android:textColor="#FFFFFF"

```

```
        android:layout_height="wrap_content"
        android:layout_below="@+id/user"
        android:layout_centerHorizontal="true"
        android:text="Profile"/>
    </RelativeLayout>
</FrameLayout>
```

```
<FrameLayout
    app:layout_columnWeight="1"
    app:layout_rowWeight="1"
    android:background="#D2691E">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerInParent="true"
            android:id="@+id/job"
            android:src="@drawable/pin"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_marginTop="10dp"
            android:textSize="20sp"
            android:textColor="#FFFFFF"
            android:layout_height="wrap_content"
            android:layout_below="@+id/job"
            android:layout_centerHorizontal="true"
            android:text="Search Job"/>

    </RelativeLayout>
</FrameLayout>
```

```
<FrameLayout
    app:layout_columnWeight="1"
    app:layout_rowWeight="1"
    android:background="#CD5C5C">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerInParent="true"
            android:id="@+id/notif"
            android:src="@drawable/bell"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_marginTop="10dp"
            android:textSize="20sp"
            android:textColor="#FFFFFF"
            android:layout_height="wrap_content"
            android:layout_below="@+id/notif"
            android:layout_centerHorizontal="true"
```

```

        android:text="Notification"/>
    </RelativeLayout>
</FrameLayout>

<FrameLayout
    app:layout_columnWeight="1"
    app:layout_rowWeight="1"
    android:background="#B8860B"
    >

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerInParent="true"
            android:id="@+id/mail"
            android:onClick="mail"
            android:src="@drawable/mail"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_marginTop="10dp"
            android:textColor="#FFFFFF"
            android:textSize="20sp"
            android:layout_height="wrap_content"
            android:layout_below="@+id/mail"
            android:layout_centerHorizontal="true"
            android:text="Messages"/>

    </RelativeLayout>
</FrameLayout>

<FrameLayout
    app:layout_columnWeight="1"
    app:layout_rowWeight="1"
    android:background="#2E8B57"
    >

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerInParent="true"
            android:id="@+id/rate"
            android:src="@drawable/star"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_marginTop="10dp"
            android:textColor="#FFFFFF"
            android:textSize="20sp"
            android:layout_height="wrap_content"
            android:layout_below="@+id/rate"
            android:layout_centerHorizontal="true"

```

```

        android:text="Rate Card"/>
    </RelativeLayout>
</FrameLayout>

<FrameLayout
    app:layout_columnWeight="1"
    app:layout_rowWeight="1"
    android:background="#BC8F8F">

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <ImageView
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_centerInParent="true"
            android:id="@+id/rev"
            android:src="@drawable/like"/>

        <TextView
            android:layout_width="wrap_content"
            android:layout_marginTop="10dp"
            android:textSize="20sp"
            android:layout_height="wrap_content"
            android:layout_below="@+id/rev"
            android:layout_centerHorizontal="true"
            android:textColor="#FFFFFF"
            android:text="Review "/>

    </RelativeLayout>
</FrameLayout>
</androidx.gridlayout.widget.GridLayout>

```

- **Activity_profile.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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=".ProfileActivity">

</androidx.constraintlayout.widget.ConstraintLayout>

```

- **Activity_register.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    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"
    android:background="@drawable/bg_theme"

```

```
android:orientation="vertical"
tools:context=".RegisterActivity">
<ImageView
    android:layout_width="128dp"
    android:layout_height="128dp"
    android:layout_marginTop="50dp"
    android:src="@drawable/meiza"
    android:layout_gravity="center"/>
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    android:padding="5dp"
    android:layout_marginLeft="20dp"
    android:layout_marginTop="20dp"
    android:layout_marginRight="20dp">
    <EditText
        android:id="@+id/inputNama"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_input"
        android:padding="15dp"
        android:inputType="textPersonName"
        android:textSize="15dp"
        android:hint="Nama"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:layout_marginBottom="15dp"/>
    <EditText
        android:id="@+id/inputUser"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_input"
        android:padding="15dp"
        android:inputType="text"
        android:textSize="15dp"
        android:hint="Username"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:layout_marginBottom="15dp"/>
    <EditText
        android:id="@+id/inputPass"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_input"
        android:padding="15dp"
        android:inputType="textPassword"
        android:textSize="15dp"
        android:hint="Password"
        android:textColor="@android:color/white"
        android:textColorHint="@android:color/white"
        android:layout_marginBottom="15dp"/>
    <Button
        android:id="@+id/btnDaftar"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_button"
```

```

        android:textSize="16sp"
        android:textColor="@android:color/white"
        android:text="Daftar"
        android:layout_marginBottom="15dp"/>
    <Button
        android:id="@+id/btnLogin"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@drawable/bg_button"
        android:textSize="16sp"
        android:textColor="@android:color/white"
        android:text="Login"
        android:layout_marginBottom="15dp"/>
</LinearLayout>
</LinearLayout>

```

- **Activity_splash_screen.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=".SplashScreenActivity"
    android:background="#4D4D4D">

    <ImageView
        android:layout_width="400dp"
        android:layout_height="400dp"
        android:layout_centerInParent="true"
        android:src="@drawable/meiza" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentBottom="true"
        android:layout_marginBottom="69dp"
        android:fontFamily="sans-serif-light"
        android:text="Ainindzi Nur Meiza Pudjianto"
        android:textColor="#fff"
        android:textSize="25sp"
        android:textStyle="normal"
        android:layout_centerHorizontal="true"/>

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="A11.2021.13509"
        android:layout_marginBottom="40dp"
        android:textSize="17sp"
        android:textStyle="normal"
        android:fontFamily="sans-serif-light"
        android:textColor="#fff"
    </TextView>

```



```
        android:layout_alignParentBottom="true"  
        android:layout_centerHorizontal="true" />  
</RelativeLayout>
```