



NAME: Jumawan bin Hakim

ID: 05DDT16F01017

## INTERFACE

First Load	Saved Button Clicked
 <p>The form is titled "STUDENT PROFILE" with an illustration of five children holding a banner. The fields are empty except for the "Name" field which has a red underline. The "Gender" field has radio buttons for "Male" and "Female". The "Marital Status" field has radio buttons for "Yes" and "No". The "Address" field is empty. There are "SAVE" and "VIEW" buttons at the bottom.</p>	 <p>The form is titled "STUDENT PROFILE" with an illustration of five children holding a banner. The fields are filled with the following data: Name: Jumawan bin Hakim, Weight (kg): 1000, Age: 20, Gender: Male (selected), Marital Status: Yes (selected), Address: Malaysia. There are "SAVE" and "VIEW" buttons at the bottom. A message box at the bottom right says "Your number has been saved successfully".</p>

View Button Clicked
 <p>The form is titled "STUDENT PROFILE" with an illustration of five children holding a banner. The fields are filled with the following data: Name: Jumawan bin Hakim, Weight (kg): 1000, Age: 20, Gender: Male, Marital Status: Yes, Address: Malaysia. There are "SAVE" and "VIEW" buttons at the bottom.</p>

## SOURCE CODE

### 1. Main Activity.java

```
public class MainActivity extends AppCompatActivity {

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

        Button btnSave = (Button) findViewById(R.id.btnSave);
        btnSave.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                store(view);
            }
        });
        Button btnView = (Button) findViewById(R.id.btnView);
        btnView.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(MainActivity.this,
                    result.class);
                startActivity(intent);
            }
        });
    }

    public void store (View v){
        SharedPreferences sp = getApplicationContext().getSharedPreferences("Options", MODE_PRIVATE);
        SharedPreferences.Editor editor = sp.edit();

        EditText name = (EditText) findViewById(R.id.editText2);
        EditText weight = (EditText) findViewById(R.id.editText6);
        EditText age = (EditText) findViewById(R.id.editText5);
        EditText address = (EditText) findViewById(R.id.editText7);

        RadioGroup gender = (RadioGroup) findViewById(R.id.rgroup1);
        int selectedId1 = gender .getCheckedRadioButtonId();
        RadioButton radioButton1 = (RadioButton) findViewById(selectedId1);

        RadioGroup Maritial = (RadioGroup) findViewById(R.id.rgroup2);
        int selectedId2 = Maritial .getCheckedRadioButtonId();
        RadioButton radioButton2 = (RadioButton) findViewById(selectedId2);

        String input_name = name.getText().toString();
        editor.putString("sp_data_1", input_name);

        String input_weight = weight.getText().toString();
        editor.putString("sp_data_2", input_weight);

        String input_age = age.getText().toString();
        editor.putString("sp_data_3", input_age);

        String input_Address = address.getText().toString();
        editor.putString("sp_data_4", input_Address);

        String input_gender = radioButton1.getText().toString();
        editor.putString("sp_data_5", input_gender);

        String input_martial = radioButton2.getText().toString();
        editor.putString("sp_data_6", input_martial);

        editor.commit();

        Toast.makeText(getApplicationContext(),
            "Your number has been saved successfully",
            Toast.LENGTH_SHORT).show();
    }
}
```

### 2. activity\_main.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:orientation="vertical"
    android:layout_height="match_parent"
    android:padding="30dp"
    android:gravity="center"
    tools:context="com.example.p300.mysharedpreference.MainActivity"
    tools:layout_editor_absoluteY="81dp"
    android:background="@color/colorPrimary"
    tools:layout_editor_absoluteX="0dp">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="match_parent"
        android:layout_height="250dp"
        app:srcCompat="@drawable/logo"
        android:paddingBottom="10dp"/>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/textView1"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Name:"
            android:textSize="15dp"
            android:textColor="@color/white"
            android:textStyle="bold"/>

        <EditText
            android:id="@+id/editText2"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:inputType="text"
            android:textColor="@color/white"/>
    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/textView6"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Weight (kg):"
            android:textStyle="bold"
            android:textSize="15dp"
            android:textColor="@color/white"/>

        <EditText
            android:id="@+id/editText6"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:inputType="numberDecimal"
            android:textColor="@color/white"/>
    </LinearLayout>

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/textView5"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Age:"
            android:textStyle="bold"
            android:textSize="15dp"
            android:textColor="@color/white"/>

        <EditText
            android:id="@+id/editText5"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"

```

```

        android:inputType="number"
        android:textColor="@color/white"/>
    </LinearLayout>

    /Gender
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:paddingTop="10dp">
        <TextView
            android:id="@+id/textView8"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Gender:"
            android:layout_gravity="center"
            android:textStyle="bold"
            android:textSize="15dp"
            android:textColor="@color/white"/>
        <RadioGroup
            android:id="@+id/rgrGroup1"
            android:layout_width="182dp"
            android:layout_height="31dp"
            android:orientation="horizontal"
            tools:layout_editor_absoluteY="217dp"
            tools:layout_editor_absoluteX="139dp">
            <RadioButton
                android:id="@+id/radioButton1"
                android:layout_width="70dp"
                android:layout_height="wrap_content"
                android:text="Male"
                android:textColor="@color/white"/>
            <RadioButton
                android:id="@+id/radioButton2"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="Female"
                android:textColor="@color/white"/>
        </RadioGroup>
    </LinearLayout>

```

```

    /Marital Status
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:paddingTop="10dp">
        <TextView
            android:id="@+id/textView4"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:layout_gravity="center"
            android:text="Marital Status:"
            android:textStyle="bold"
            android:textSize="15dp"
            android:textColor="@color/white"/>
        <RadioGroup
            android:id="@+id/rgrGroup2"
            android:layout_width="182dp"
            android:layout_height="31dp"
            android:orientation="horizontal"
            tools:layout_editor_absoluteY="217dp"
            tools:layout_editor_absoluteX="139dp">
            <RadioButton
                android:id="@+id/rbYes"
                android:layout_width="70dp"
                android:layout_height="wrap_content"
                android:text="Yes"
                android:textColor="@color/white"/>
            <RadioButton
                android:id="@+id/rbNo"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:textColor="@color/white"
                android:text="No"/>
        </RadioGroup>
    </LinearLayout>

```

```

/Address
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
    <TextView
        android:id="@+id/textView7"
        android:layout_width="110dp"
        android:layout_height="wrap_content"
        android:text="Address:"
        android:textStyle="bold"
        android:textSize="15dp"
        android:textColor="@color/white"/>

    <EditText
        android:id="@+id/editText7"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:textColor="@color/white"/>
</LinearLayout>

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:gravity="center">
    <Button
        android:id="@+id/btnSave"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Save"/>
    <Button
        android:id="@+id/btnView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="View"/>
</LinearLayout>

</LinearLayout>

```

### 3. result.java

```
import ...

public class result extends AppCompatActivity {

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

    public void display(){

        SharedPreferences sp = getApplication().getSharedPreferences("Options", MODE_PRIVATE);
        final String defaultvalue = "";
        String savedName = sp.getString("sp_data_1", defaultvalue);
        String savedWeight = sp.getString("sp_data_2", defaultvalue);
        String savedAge = sp.getString("sp_data_3", defaultvalue);
        String savedAddress = sp.getString("sp_data_4", defaultvalue);
        String savedGender = sp.getString("sp_data_5", defaultvalue);
        String savedMarital = sp.getString("sp_data_6", defaultvalue);

        EditText name = (EditText) findViewById(R.id.editText2);
        name.setText(savedName);

        EditText weight = (EditText) findViewById(R.id.editText6);
        weight.setText(savedWeight);

        EditText age = (EditText) findViewById(R.id.editText5);
        age.setText(savedAge);

        EditText gender = (EditText) findViewById(R.id.editText9);
        gender.setText(savedGender);

        EditText marital = (EditText) findViewById(R.id.editText8);
        marital.setText(savedMarital);

        EditText address = (EditText) findViewById(R.id.editText7);
        address.setText(savedAddress);
    }
}
```

#### 4. activity\_result.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:orientation="vertical"
    android:layout_height="match_parent"
    android:padding="30dp"
    android:gravity="center"
    tools:context="com.example.p300.mysharedpreference.MainActivity"
    tools:layout_editor_absoluteY="81dp"
    android:background="@color/colorPrimary"
    tools:layout_editor_absoluteX="0dp">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="match_parent"
        android:layout_height="250dp"
        app:srcCompat="@drawable/logo"
        android:paddingBottom="7dp"/>

    /Name
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/textView1"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Name:"
            android:textSize="15dp"
            android:textColor="@color/white"
            android:textStyle="bold"/>

        <EditText
            android:enabled="false"
            android:id="@+id/editText2"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:inputType="text"
            android:textColor="@color/white"/>
    </LinearLayout>

    /Weight
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/textView6"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Weight (kg):"
            android:textStyle="bold"
            android:textSize="15dp"
            android:textColor="@color/white"/>
        <EditText
            android:id="@+id/editText6"
            android:layout_width="fill_parent"
            android:layout_height="wrap_content"
            android:inputType="numberDecimal"
            android:enabled="false"
            android:textColor="@color/white"/>
    </LinearLayout>

    /Age
    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal">
        <TextView
            android:id="@+id/textView5"
            android:layout_width="110dp"
            android:layout_height="wrap_content"
            android:text="Age:"
            android:textStyle="bold"
            android:textSize="15dp"
            android:textColor="@color/white"/>
        <EditText
```

```

        android:enabled="false"
        android:id="@+id/editText5"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:textColor="@color/white"/>
    </LinearLayout>

```

/Gender

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
    <TextView
        android:id="@+id/textView8"
        android:layout_width="110dp"
        android:layout_height="wrap_content"
        android:text="Gender:"
        android:textStyle="bold"
        android:textSize="15dp"
        android:textColor="@color/white"/>
    <EditText
        android:enabled="false"
        android:id="@+id/editText9"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:textColor="@color/white"/>
</LinearLayout>

```

/Marital Status

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal"
    android:paddingTop="10dp">
    <TextView
        android:enabled="false"
        android:id="@+id/textView4"
        android:layout_width="110dp"
        android:layout_height="wrap_content"
        android:layout_gravity="center"
        android:text="Marital Status:"
        android:textStyle="bold"
        android:textSize="15dp"
        android:textColor="@color/white"/>
    <EditText
        android:enabled="false"
        android:id="@+id/editText8"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:textColor="@color/white"/>
</LinearLayout>

```

/Address

```

<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="horizontal">
    <TextView
        android:id="@+id/textView7"
        android:layout_width="110dp"
        android:layout_height="wrap_content"
        android:text="Address:"
        android:textStyle="bold"
        android:textSize="15dp"
        android:textColor="@color/white"/>
    <EditText
        android:enabled="false"
        android:id="@+id/editText7"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:inputType="text"
        android:textColor="@color/white"/>
</LinearLayout>

```

```

</LinearLayout>

```



Source Code File: [Click Here](#)