Activity\_main.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"**

**android:id="@+id/activity\_main"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingBottom="@dimen/activity\_vertical\_margin"**

**android:paddingLeft="@dimen/activity\_horizontal\_margin"**

**android:paddingRight="@dimen/activity\_horizontal\_margin"**

**android:paddingTop="@dimen/activity\_vertical\_margin"**

**tools:context=".MainActivity"**>

<**TextView**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="SharedPreference Demo"**

**android:id="@+id/textView"** />

<**TextView**

**android:text="Name"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_below="@+id/textView"**

**android:id="@+id/textView3"** />

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:inputType="textPersonName"**

**android:hint="Name"**

**android:ems="10"**

**android:id="@+id/uname"**

**android:layout\_below="@+id/textView3"**

/>

<**TextView**

**android:text="Password"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:layout\_below="@+id/uname"**

**android:id="@+id/textView4"** />

<**EditText**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:inputType="textPassword"**

**android:ems="10"**

**android:layout\_below="@+id/textView4"**

**android:id="@+id/pass"**

**android:hint="pass"** />

<**Button**

**android:text="Save"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_below="@+id/pass"**

**android:layout\_alignStart="@+id/textView4"**

**android:id="@+id/savebutton"**

**android:onClick="saveData"**/>

<**Button**

**android:text="Next"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_below="@+id/pass"**

**android:layout\_alignEnd="@+id/pass"**

**android:layout\_marginEnd="48dp"**

**android:id="@+id/nextbutton"**

**android:onClick="goNext"**/>

</**RelativeLayout**>

Activity\_sp.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"**

**android:id="@+id/activity\_sp"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:paddingBottom="@dimen/activity\_vertical\_margin"**

**android:paddingLeft="@dimen/activity\_horizontal\_margin"**

**android:paddingRight="@dimen/activity\_horizontal\_margin"**

**android:paddingTop="@dimen/activity\_vertical\_margin"**

**tools:context=".SPActivity">**

**<TextView**

**android:layout\_width="match\_parent"**

**android:layout\_alignParentTop="true"**

**android:layout\_alignParentStart="true"**

**android:layout\_marginStart="57dp"**

**android:layout\_marginTop="23dp"**

**android:id="@+id/unamevw"**

**android:layout\_height="50dp"**

**android:text="Name will be displayed here" />**

**<TextView**

**android:text="Password will be here"**

**android:layout\_width="match\_parent"**

**android:layout\_height="50dp"**

**android:layout\_below="@+id/unamevw"**

**android:layout\_alignStart="@+id/unamevw"**

**android:layout\_marginTop="34dp"**

**android:id="@+id/passvw" />**

**<Button**

**android:text="GET"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_below="@+id/passvw"**

**android:layout\_alignStart="@+id/passvw"**

**android:layout\_marginTop="23dp"**

**android:id="@+id/getbutton"**

**android:onClick="getData"/>**

**</RelativeLayout>**

MainActivity.java

**package** com.example.jevitha.a21\_sharedpreference;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.content.SharedPreferences;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.EditText;

**import** android.widget.Toast;

**public class** MainActivity **extends** AppCompatActivity {

EditText **eu**,**ep**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**eu** = (EditText) findViewById(R.id.***uname***);

**ep** = (EditText) findViewById(R.id.***pass***);

}

**public void** saveData(View v){

SharedPreferences sp = getSharedPreferences

(**"mycredentials"**, Context.***MODE\_PRIVATE***);

SharedPreferences.Editor edit = sp.edit();

edit.putString(**"name1"**,**eu**.getText().toString());

edit.putString(**"pass1"**,**ep**.getText().toString());

edit.commit();

Toast.*makeText*(**this**,**"Data Saved in Shared Preference"**, Toast.***LENGTH\_SHORT***).show();

}

**public void** goNext(View v){

Intent i = **new** Intent(**this**,SPActivity.**class**);

startActivity(i);

}

}

SPActivity.java

**package** com.example.jevitha.a21\_sharedpreference;

**import** android.content.Context;

**import** android.content.SharedPreferences;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.TextView;

**public class** SPActivity **extends** AppCompatActivity {

TextView **t1**,**t2**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_sp***);

**t1** = (TextView)findViewById(R.id.***unamevw***);

**t2** = (TextView)findViewById(R.id.***passvw***);

}

**public void** getData(View v){

SharedPreferences sp = getSharedPreferences(**"mycredentials"**,

Context.***MODE\_PRIVATE***);

String name = sp.getString(**"name1"**,**"NA"**);

//String passwd = sp.getString(**"pass1"**,**"NA"**);

String passwd = sp.getString(**"pass"**,**"NA"**);

**t1**.setText(name);

**t2**.setText(passwd);

}

}