MainActivity.java

**package** com.example.myapplicationinternalstorage;  
  
**import** android.content.SharedPreferences;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(**final** Bundle savedInstanceState) {  
 **super**.onCreate( savedInstanceState );  
 setContentView( R.layout.***activity\_main*** );  
 **final** EditText etUser = (EditText)findViewById( R.id.***etUser*** );  
 Button btnWrite = (Button)findViewById( R.id.***btnWrite*** );  
 Button btnRead = (Button)findViewById( R.id.***btnRead*** );  
 etUser.setOnClickListener( **new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 etUser.setText( **""** );  
 }  
 } );  
 btnWrite.setOnClickListener( **new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String str = etUser.getText().toString();  
 SharedPreferences sharedPreferences = getSharedPreferences( **"MySharedPreferences"**,0 );  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
 editor.putString( **"user"**, str );  
 editor.commit();  
 etUser.setText( **"Username"** );  
 }  
 } );  
 btnRead.setOnClickListener( **new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 SharedPreferences sharedPreferences = getSharedPreferences( **"MySharedPreferences"**,0 );  
 String str = sharedPreferences.getString( **"user"**, **null** );  
 **if**(str != **null**)  
 etUser.setText( str );  
 **else** etUser.setText( **"Not Available"** );  
 }  
 } );  
 }  
}

**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"**>  
  
 <**Button  
 android:id="@+id/btnWrite"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="117dp"  
 android:layout\_marginBottom="308dp"  
 android:text="Write"  
 tools:layout\_editor\_absoluteX="80dp"  
 tools:layout\_editor\_absoluteY="327dp"** />  
  
 <**Button  
 android:id="@+id/btnRead"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="257dp"  
 android:layout\_marginBottom="311dp"  
 android:text="Read"  
 tools:layout\_editor\_absoluteX="266dp"  
 tools:layout\_editor\_absoluteY="327dp"** />  
  
 <**EditText  
 android:id="@+id/etUser"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="112dp"  
 android:layout\_marginBottom="460dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:text="Username"  
 tools:layout\_editor\_absoluteX="127dp"  
 tools:layout\_editor\_absoluteY="136dp"** />  
  
</**RelativeLayout**>