**Shared Pref**

**MainActivity**

package com.example.sharedpref;

import androidx.appcompat.app.AppCompatActivity;

import android.content.SharedPreferences;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

EditText edit;

TextView txt;

Button read\_btn;

Button write\_btn;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

edit = findViewById(R.id.edit);

txt = findViewById(R.id.text);

read\_btn = findViewById(R.id.read\_btn);

write\_btn = findViewById(R.id.write\_btn);

write\_btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

SharedPreferences sharedPreferences = getSharedPreferences("shared\_pref", MODE\_PRIVATE);

SharedPreferences.Editor editor = sharedPreferences.edit();

editor.putString("name", edit.getText().toString());

editor.apply();

txt.setText("Written Successfully" +

"");

}

});

read\_btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

SharedPreferences sharedPreferences = getSharedPreferences("shared\_pref", MODE\_PRIVATE);

String name;

name = sharedPreferences.getString("name", "");

txt.setText(name);

}

});

}

}

**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"**

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

**android:orientation="vertical"**

**android:gravity="center">**

**<EditText**

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

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

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

**android:hint="Enter Name"/>**

**<TextView**

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

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

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

**android:text="Hello World!" />**

**<Button**

**android:id="@+id/write\_btn"**

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

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

**android:text="Write"/>**

**<Button**

**android:id="@+id/read\_btn"**

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

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

**android:text="Read"/>**

**</LinearLayout>**