

## XML Code:

```
<?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:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Notice Board"
        android:fontFamily="sans-serif"
        android:textAlignment="center"
        android:textSize="36sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.1"
        android:gravity="center_horizontal" />

    <EditText android:id="@+id/ev1"
        android:layout_width="290dp"
        android:layout_height="149dp"
        android:background="@color/teal_200"
        android:ems="10"
        android:inputType="textPersonName"
        android:text=""
        android:textAlignment="center"
        android:textColor="@color/black"
        android:textSize="24sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.5"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.3"
        android:gravity="center_horizontal" />

    <Button android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:background="@color/teal_700"
        android:onClick="copy"
        android:text="Copy"
        android:textColor="@color/white"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.2"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.6" />
```

```

<Button
    android:id="@+id/button2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:background="@color/teal_700"
    android:onClick="save"
    android:text="Save"
    android:textColor="@color/white"
    android:textSize="24sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintHorizontal_bias="0.7"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.6" />

<TextView
    android:id="@+id/tv1"
    android:layout_width="276dp"
    android:layout_height="166dp"
    android:background="@color/teal_700"
    android:text=""
    android:textAlignment="center"
    android:textColor="@color/black"
    android:textSize="24sp"
    android:paddingTop="50dp"
    android:textStyle="bold"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintHorizontal_bias="0.5"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.9"
    android:gravity="center_horizontal" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

## Main Activity JAVA:

```

package com.example.sharedpreferences2;

import androidx.appcompat.app.AppCompatActivity;

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 {
    EditText e1;
    TextView t1;
}

```

```
public static final String SHARED_PREFS="sharedPref";
public static final String TEXT="text";
private String text;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    e1=findViewById(R.id.ev1);
    t1=findViewById(R.id.tv1);
    SharedPreferences sp=getSharedPreferences(SHARED_PREFS,MODE_PRIVATE);
    text=sp.getString(TEXT,"");
    t1.setText(text);
}

public void copy(View view) {
    t1.setText(e1.getText());
    Toast.makeText(this, "DATA IS COPIED", Toast.LENGTH_SHORT).show();
}

public void save(View view) {
    SharedPreferences sp=getSharedPreferences(SHARED_PREFS,MODE_PRIVATE);
    SharedPreferences.Editor e=sp.edit();
    e.putString(TEXT,e1.getText().toString());
    e.apply();
    Toast.makeText(this, "DATA IS SAVED", Toast.LENGTH_SHORT).show();
}
}
```

OUTPUT:

