**SHARED PREFERENCE**

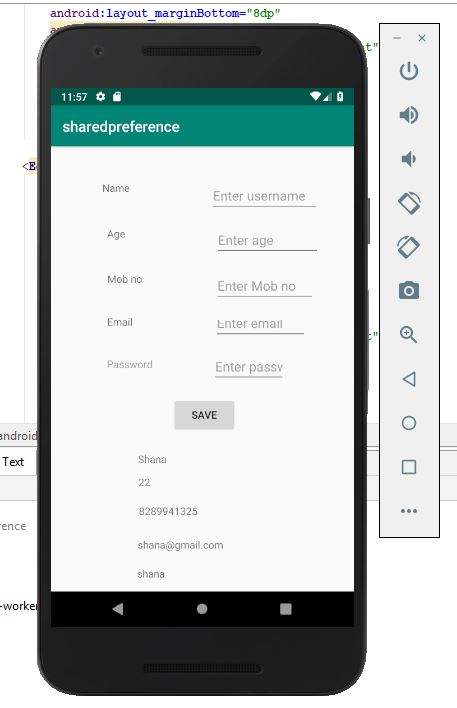
**XML CODE:**

*<?***xml version="1.0" encoding="utf-8"***?>*<**android.support.constraint.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"**>  
  
 <**EditText  
 android:id="@+id/editcheck"  
 android:layout\_width="148dp"  
 android:layout\_height="43dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="8dp"  
 android:ems="10"  
 android:hint="Enter username"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.822"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.07"** />  
  
 <**Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="158dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="159dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Save"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="1.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.615"** />  
  
 <**TextView  
 android:id="@+id/textView6"  
 android:layout\_width="151dp"  
 android:layout\_height="20dp"  
 android:layout\_marginStart="165dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="189dp"  
 android:layout\_marginBottom="50dp"  
 android:text="Do You Want to save this Username"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.504"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.773"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="115dp"  
 android:layout\_height="33dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Name"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.221"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.069"** />  
  
 <**TextView  
 android:id="@+id/textView2"  
 android:layout\_width="64dp"  
 android:layout\_height="30dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Age"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.207"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.18"** />  
  
 <**EditText  
 android:id="@+id/editText"  
 android:layout\_width="142dp"  
 android:layout\_height="42dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:ems="10"  
 android:hint="Enter age"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.849"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.182"** />  
  
 <**TextView  
 android:id="@+id/textView3"  
 android:layout\_width="71dp"  
 android:layout\_height="28dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Mob no"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.212"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.289"** />  
  
 <**EditText  
 android:id="@+id/editText2"  
 android:layout\_width="136dp"  
 android:layout\_height="41dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:hint="Enter Mob no"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.827"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.297"** />  
  
 <**TextView  
 android:id="@+id/textView4"  
 android:layout\_width="66dp"  
 android:layout\_height="25dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Email"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.208"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.391"** />  
  
 <**EditText  
 android:id="@+id/editText3"  
 android:layout\_width="126dp"  
 android:layout\_height="37dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:ems="10"  
 android:hint="Enter email"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.793"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.389"** />  
  
 <**TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="25dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="Password"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.205"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.493"** />  
  
 <**EditText  
 android:id="@+id/editText4"  
 android:layout\_width="99dp"  
 android:layout\_height="39dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:ems="10"  
 android:hint="Enter password"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.713"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
 <**TextView  
 android:id="@+id/textView7"  
 android:layout\_width="149dp"  
 android:layout\_height="21dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="TextView"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.452"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.772"** />  
  
 <**TextView  
 android:id="@+id/textView8"  
 android:layout\_width="172dp"  
 android:layout\_height="21dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="TextView"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.841"** />  
  
 <**TextView  
 android:id="@+id/textView9"  
 android:layout\_width="149dp"  
 android:layout\_height="23dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="TextView"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.447"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.925"** />  
  
 <**TextView  
 android:id="@+id/textView10"  
 android:layout\_width="140dp"  
 android:layout\_height="26dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginBottom="8dp"  
 android:text="TextView"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.429"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="1.0"** />  
  
  
</**android.support.constraint.ConstraintLayout**>

**JAVA CODE:**

**package** com.example.sharedpreference;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.content.SharedPreferences;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **edt1**,**edt2**,**edt3**,**edt4**,**edt5**;  
 Button **bt**;  
 TextView **t1**,**t2**,**t3**,**t4**,**t5**,**t6**,**t7**,**t8**,**t9**,**t10**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **edt1**=(EditText) findViewById(R.id.***editcheck***);  
 **edt2**=(EditText) findViewById(R.id.***editText***);  
 **edt3**=(EditText) findViewById(R.id.***editText2***);  
 **edt4**=(EditText) findViewById(R.id.***editText3***);  
 **edt5**=(EditText) findViewById(R.id.***editText4***);  
 **bt**=(Button) findViewById(R.id.***button***);  
 **t1**=(TextView) findViewById(R.id.***textView***);  
 **t2**=(TextView) findViewById(R.id.***textView2***);  
 **t3**=(TextView) findViewById(R.id.***textView3***);  
 **t4**=(TextView) findViewById(R.id.***textView4***);  
 **t5**=(TextView) findViewById(R.id.***textView5***);  
 **t6**=(TextView) findViewById(R.id.***textView6***);  
 **t7**=(TextView) findViewById(R.id.***textView7***);  
 **t8**=(TextView) findViewById(R.id.***textView8***);  
 **t9**=(TextView) findViewById(R.id.***textView9***);  
 **t10**=(TextView) findViewById(R.id.***textView10***);  
 **bt**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 SharedPreferences sharedpref=getSharedPreferences(**"pref"**,***MODE\_PRIVATE***);  
 SharedPreferences.Editor editor=sharedpref.edit();  
 editor.putString(**"key"**,**edt1**.getText().toString());  
 editor.putString(**"key1"**,**edt2**.getText().toString());  
 editor.putString(**"key2"**,**edt3**.getText().toString());  
 editor.putString(**"key3"**,**edt4**.getText().toString());  
 editor.putString(**"key4"**,**edt5**.getText().toString());  
 editor.apply();  
 }  
  
 });  
 SharedPreferences getsharedValue=getSharedPreferences(**"pref"**,***MODE\_PRIVATE***);  
 String value=getsharedValue.getString(**"key"**,**"this is the default value for pref"**);  
 **t6**.setText(value);  
 String value1=getsharedValue.getString(**"key1"**,**"this is the default value for pref"**);  
 **t7**.setText(value1);  
 String value2=getsharedValue.getString(**"key2"**,**"this is the default value for pref"**);  
 **t8**.setText(value2);  
 String value3=getsharedValue.getString(**"key3"**,**"this is the default value for pref"**);  
 **t9**.setText(value3);  
 String value4=getsharedValue.getString(**"key4"**,**"this is the default value for pref"**);  
 **t10**.setText(value4);  
  
  
  
  
 }  
}

**OUTPUT:**

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