SHARED PREFERENCE

XML CODE:

```xml
<?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"
```

```xml
        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"
```

```xml
        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"
```

```xml
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"
```

```xml
        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"
```

```xml
        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"
```

```xml
        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"
```

```xml
        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"
```

```xml
        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"
```

```xml
            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:

```java
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);
```

```java
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());
```

```java
            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: