

### **activity\_main.xml**

```
<?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="Shared prference"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.056" />

    <EditText
        android:id="@+id/edit1"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:ems="10"
        android:hint="enter your name"
        android:inputType="textPersonName"
        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="0.195" />

    <EditText
        android:id="@+id/edit2"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:ems="10"
        android:hint="enter your age"
        android:inputType="number"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

### **MainActivity.java**

```

package com.example.sharedpreference;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Context;
import android.content.SharedPreferences;
import android.os.Bundle;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity {
    EditText name,age;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        name=(EditText) findViewById(R.id.edit1);
        age=(EditText) findViewById(R.id.edit2);
    }

    @Override
    protected void onResume() {
        super.onResume();
        SharedPreferences sh1=getSharedPreferences("myownshared",
Context.MODE_PRIVATE);
        String s1 =sh1.getString("user","");
        int a1=sh1.getInt("age",0);
        name.setText(s1);
        age.setText(String.valueOf(a1));
    }

    @Override
    protected void onPause() {
        super.onPause();
        SharedPreferences sh=getSharedPreferences("myownshared",MODE_PRIVATE);
        SharedPreferences.Editor myedit=sh.edit();
        myedit.putString("user",name.getText().toString());
        myedit.putInt("age",Integer.parseInt(age.getText().toString()));
        myedit.commit();
    }
}

```

## OUTPUT

Shared prference

Mohan

35

