ACTIVITY\_MAIN.XML

<**LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"**>  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Shared Preferences"  
 android:textSize="40dp"  
 android:layout\_marginLeft="20dp"** />  
 <**EditText  
 android:id="@+id/username"  
 android:hint="Name"  
 android:inputType="textEmailAddress"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginLeft="4dp"  
 android:layout\_marginRight="4dp"  
 android:layout\_marginBottom="4dp"** />  
 <**EditText  
 android:id="@+id/phno"  
 android:hint="Phone No."  
 android:inputType="number"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="5dp"  
 android:layout\_marginLeft="4dp"  
 android:layout\_marginRight="4dp"  
 android:layout\_marginBottom="16dp"  
 android:fontFamily="sans-serif"** />  
 <**EditText  
 android:id="@+id/email"  
 android:hint="Email ID"  
 android:inputType="textEmailAddress"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="4dp"  
 android:layout\_marginLeft="4dp"  
 android:layout\_marginRight="4dp"  
 android:layout\_marginBottom="4dp"** />  
 <**Button  
 android:id="@+id/b1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Save"  
 android:layout\_below="@id/email"  
 android:layout\_marginTop="100dp"  
 android:layout\_marginLeft="150dp"** />  
</**LinearLayout**>

MAINACTIVITY.JAVA

**package** com.example.sharedpreferences;  
  
*/\*import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Context;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 }  
  
 public void onClick(View view)  
 {  
 SharedPreferences sp=getSharedPreferences("MyPreferences", Context.MODE\_PRIVATE);  
 SharedPreferences.Editor e= sp.edit();  
 e.putString("key","value");  
 e.commit();  
  
 }  
}  
\*/***import** android.content.Context;  
**import** android.content.SharedPreferences;  
**import** android.os.Bundle;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 EditText **ed1**,**ed2**,**ed3**;  
 Button **b1**;  
  
 **public static final** String ***MyPREFERENCES*** = **"MyPrefs"** ;  
 **public static final** String ***Name*** = **"nameKey"**;  
 **public static final** String ***Phone*** = **"phoneKey"**;  
 **public static final** String ***Email*** = **"emailKey"**;  
  
 SharedPreferences **sharedpreferences**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **ed1**=(EditText)findViewById(R.id.***username***);  
 **ed2**=(EditText)findViewById(R.id.***phno***);  
 **ed3**=(EditText)findViewById(R.id.***email***);  
  
 **b1**=(Button)findViewById(R.id.***b1***);  
 **sharedpreferences** = getSharedPreferences(***MyPREFERENCES***, Context.***MODE\_PRIVATE***);  
  
 **b1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String n = **ed1**.getText().toString();  
 String ph = **ed2**.getText().toString();  
 String e = **ed3**.getText().toString();  
  
 SharedPreferences.Editor editor = **sharedpreferences**.edit();  
  
 editor.putString(***Name***, n);  
 editor.putString(***Phone***, ph);  
 editor.putString(***Email***, e);  
 editor.commit();  
 Toast.*makeText*(MainActivity.**this**,**"Thanks"**,Toast.***LENGTH\_LONG***).show();  
 }  
 });  
 }  
  
}