Activity\_main.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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"  
 android:orientation="vertical"  
 tools:context=".MainActivity"  
 android:background="@drawable/image">  
  
 <GridLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:layout\_marginTop="150dp">  
 <TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:text="Sign Up"  
 android:textStyle="bold"  
 android:layout\_marginBottom="40dp"  
 android:textSize="30dp"  
 android:textColor="@color/design\_default\_color\_surface" />  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:hint="Enter Name"  
 android:id="@+id/etName"  
 android:textSize="30dp"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:id="@+id/etEmail"  
 android:textSize="30dp"  
 android:hint="Enter Email Id"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/etPassword"  
 android:hint="Enter Password"  
 android:textSize="30dp"  
 android:gravity="center"  
 android:inputType="textPassword"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/etMobile"  
 android:gravity="center"  
 android:textSize="30dp"  
 android:hint="Enter Mobile"/>  
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btSignup"  
 android:text="Sign up"/>  
 </GridLayout>  
 </LinearLayout>

MainActivity.java

package com.example.signup;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText etName,etEmail,etPassword,etMobile;  
 Button btSignup;  
  
 public static final String *main\_key*="myPref";  
 public static final String *name\_key*="namekey";  
 public static final String *email\_key*="emailkey";  
 public static final String *password\_key*="passwordkey";  
 public static final String *contact\_key*="contactkey";  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 etName = (EditText) findViewById(R.id.*etName*);  
 etEmail = (EditText) findViewById(R.id.*etEmail*);  
 etPassword = (EditText) findViewById(R.id.*etPassword*);  
 etMobile = (EditText) findViewById(R.id.*etMobile*);  
  
 btSignup = (Button) findViewById(R.id.*btSignup*);  
  
 btSignup.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 SharedPreferences preferences = getSharedPreferences(*main\_key*,*MODE\_PRIVATE*);  
 String Name,Email,Password,Contact;  
 Name=etName.getText().toString();  
 Email=etEmail.getText().toString();  
 Password=etPassword.getText().toString();  
 Contact=etMobile.getText().toString();  
  
 SharedPreferences.Editor editor=preferences.edit();  
 editor.putString(*name\_key*,Name);  
 editor.putString(*email\_key*,Email);  
 editor.putString(*password\_key*,Password);  
 editor.putString(*contact\_key*,Contact);  
 editor.commit();  
  
 Intent intent = new Intent(MainActivity.this,LoginActivity.class);  
 startActivity(intent);  
  
 }  
 });  
 }  
}

activity\_login.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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"  
 android:orientation="vertical"  
 tools:context=".LoginActivity"  
 android:background="@drawable/hero">  
  
 <GridLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:layout\_marginTop="210dp">  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:gravity="center"  
 android:id="@+id/etEmail"  
 android:textSize="30dp"  
 android:hint="Enter Email Id"/>  
  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/etPassword"  
 android:hint="Enter Password"  
 android:textSize="30dp"  
 android:gravity="center"  
 android:inputType="textPassword"/>  
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btSignin"  
 android:text="Sign In"/>  
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btSignup"  
 android:text="Sign Up"/>  
 </GridLayout>  
</LinearLayout>

LoginActivity.java

package com.example.signup;  
import androidx.appcompat.app.AppCompatActivity;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class LoginActivity extends AppCompatActivity {  
 EditText etEmail;  
 EditText etPassword;  
 Button btSignin;  
 Button btSignup;  
  
 public static final String *main\_key*="myPref";  
 public static final String *email\_key*="emailkey";  
 public static final String *password\_key*="passwordkey";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_login*);  
  
 etEmail = (EditText) findViewById(R.id.*etEmail*);  
 etPassword = (EditText) findViewById(R.id.*etPassword*);  
 btSignin = (Button) findViewById(R.id.*btSignin*);  
 btSignup = (Button) findViewById(R.id.*btSignup*);  
  
 btSignin.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 String User,Password;  
 User=etEmail.getText().toString();  
 Password=etPassword.getText().toString();  
  
 SharedPreferences preferences=getSharedPreferences(*main\_key*,*MODE\_PRIVATE*);  
 String email = preferences.getString(*email\_key*,"");  
 String password = preferences.getString(*password\_key*,"");  
  
 if (User.equals(email) && Password.equals(password)){  
 Intent intent = new Intent(LoginActivity.this,HomepageActivity.class);  
 startActivity(intent);  
 }else {  
 Toast.*makeText*(LoginActivity.this, "Invaild Login Detail....", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 });  
 btSignup.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(LoginActivity.this,MainActivity.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

activity\_homepage.xml

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout 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"  
 android:orientation="vertical"  
 tools:context=".HomepageActivity"  
 android:layout\_marginTop="200dp">  
  
  
 <Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btLogout"  
 android:text="Log Out"  
 android:gravity="center"  
 android:layout\_marginTop="50dp"/>  
</LinearLayout>

HomepageActivity.java

package com.example.signup;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
public class HomepageActivity extends AppCompatActivity {  
  
  
 Button btlogout;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_homepage*);  
 btlogout = (Button) findViewById(R.id.*btLogout*);  
  
  
 btlogout.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 Intent intent = new Intent(HomepageActivity.this,LoginActivity.class);  
 }  
 });  
 }  
}

Output:

 

 