**package** com.example.recette;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
  
**import** android.view.View;  
  
**public class** register **extends** AppCompatActivity {  
 EditText **username**, **password**, **repassword**;  
 Button **signup**, **signin**;  
 DBHelper **DB**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
  
 **username** = (EditText) findViewById(R.id.***username***);  
 **password** = (EditText) findViewById(R.id.***password***);  
 **repassword** = (EditText) findViewById(R.id.***repassword***);  
 **signup** = (Button) findViewById(R.id.***btnsignup***);  
 **signin** = (Button) findViewById(R.id.***btnsignin***);  
 **DB** = **new** DBHelper (**this**);  
  
 **signup**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 String user = **username**.getText().toString();  
 String pass = **password**.getText().toString();  
 String repass = **repassword**.getText().toString();  
  
 **if**(user.equals(**""**)||pass.equals(**""**)||repass.equals(**""**))  
 Toast.*makeText*(register.**this**, **"Please enter all the fields"**, Toast.***LENGTH\_SHORT***).show();  
 **else**{  
 **if**(pass.equals(repass)){  
 Boolean checkuser = **DB**.checkusername(user);  
 **if**(checkuser==**false**){  
 Boolean insert = **DB**.insertData(user, pass);  
 **if**(insert==**true**){  
 Toast.*makeText*(register.**this**, **"Registered successfully"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(getApplicationContext(),MainActivity.**class**);  
 startActivity(intent);  
 }**else**{  
 Toast.*makeText*(register.**this**, **"Registration failed"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 **else**{  
 Toast.*makeText*(register.**this**, **"User already exists! please sign in"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }**else**{  
 Toast.*makeText*(register.**this**, **"Passwords not matching"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 } }  
 });  
 **signin**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 Intent intent = **new** Intent(getApplicationContext(), login.**class**);  
 startActivity(intent);  
 }  
 });  
 }  
}

DB :

**package** com.example.recette;  
**import** android.content.ContentValues;  
**import** android.content.Context;  
**import** android.database.Cursor;  
**import** android.database.sqlite.SQLiteDatabase;  
**import** android.database.sqlite.SQLiteOpenHelper;  
**import** androidx.annotation.Nullable;  
  
**public class** DBHelper **extends** SQLiteOpenHelper {  
 **public static final** String ***DBNAME*** = **"Login.db"**;  
 **public** DBHelper(Context context) {  
 **super**(context, **"Login.db"**, **null**, 1);  
 }  
  
 @Override  
 **public void** onCreate(SQLiteDatabase MyDB) {  
 MyDB.execSQL(**"create Table users(username TEXT primary key, password TEXT)"**);  
 }  
  
 @Override  
 **public void** onUpgrade(SQLiteDatabase MyDB, **int** i, **int** i1) {  
 MyDB.execSQL(**"drop Table if exists users"**);  
 }  
  
 **public** Boolean insertData(String username, String password){  
 SQLiteDatabase MyDB = **this**.getWritableDatabase();  
 ContentValues contentValues= **new** ContentValues();  
 contentValues.put(**"username"**, username);  
 contentValues.put(**"password"**, password);  
 **long** result = MyDB.insert(**"users"**, **null**, contentValues);  
 **if**(result==-1) **return false**;  
 **else  
 return true**;  
 }  
  
 **public** Boolean checkusername(String username) {  
 SQLiteDatabase MyDB = **this**.getWritableDatabase();  
 Cursor cursor = MyDB.rawQuery(**"Select \* from users where username = ?"**, **new** String[]{username});  
 **if** (cursor.getCount() > 0)  
 **return true**;  
 **else  
 return false**;  
 }  
  
 **public** Boolean checkusernamepassword(String username, String password){  
 SQLiteDatabase MyDB = **this**.getWritableDatabase();  
 Cursor cursor = MyDB.rawQuery(**"Select \* from users where username = ? and password = ?"**, **new** String[] {username,password});  
 **if**(cursor.getCount()>0)  
 **return true**;  
 **else  
 return false**;  
 }  
}

Register :

**package** com.example.recette;  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.content.Intent;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
  
  
**import** android.view.View;  
  
**public class** register **extends** AppCompatActivity {  
 EditText **username**, **password**, **repassword**;  
 Button **signup**, **signin**;  
 DBHelper **DB**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
  
 **username** = (EditText) findViewById(R.id.***username***);  
 **password** = (EditText) findViewById(R.id.***password***);  
 **repassword** = (EditText) findViewById(R.id.***repassword***);  
 **signup** = (Button) findViewById(R.id.***btnsignup***);  
 **signin** = (Button) findViewById(R.id.***btnsignin***);  
 **DB** = **new** DBHelper (**this**);  
  
 **signup**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 String user = **username**.getText().toString();  
 String pass = **password**.getText().toString();  
 String repass = **repassword**.getText().toString();  
  
 **if**(user.equals(**""**)||pass.equals(**""**)||repass.equals(**""**))  
 Toast.*makeText*(register.**this**, **"Please enter all the fields"**, Toast.***LENGTH\_SHORT***).show();  
 **else**{  
 **if**(pass.equals(repass)){  
 Boolean checkuser = **DB**.checkusername(user);  
 **if**(checkuser==**false**){  
 Boolean insert = **DB**.insertData(user, pass);  
 **if**(insert==**true**){  
 Toast.*makeText*(register.**this**, **"Registered successfully"**, Toast.***LENGTH\_SHORT***).show();  
 Intent intent = **new** Intent(getApplicationContext(),MainActivity.**class**);  
 startActivity(intent);  
 }**else**{  
 Toast.*makeText*(register.**this**, **"Registration failed"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }  
 **else**{  
 Toast.*makeText*(register.**this**, **"User already exists! please sign in"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 }**else**{  
 Toast.*makeText*(register.**this**, **"Passwords not matching"**, Toast.***LENGTH\_SHORT***).show();  
 }  
 } }  
 });  
 **signin**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View view) {  
 Intent intent = **new** Intent(getApplicationContext(), login.**class**);  
 startActivity(intent);  
 }  
 });  
 }  
}

Cursor cursor = MyDB.rawQuery(**"SELECT \* FROM users WHERE username = ? AND password = ?"**, **new** String[]{username, password});

<**Button  
 android:id="@+id/button2"  
 android:layout\_width="114dp"  
 android:layout\_height="44dp"  
 android:layout\_marginBottom="228dp"  
 android:onClick="login"  
 android:text="sing in"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.895"  
 app:layout\_constraintStart\_toStartOf="parent"** />  
  
<**Button  
 android:id="@+id/button3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="224dp"  
 android:onClick="regester"  
 android:text="Register"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.052"  
 app:layout\_constraintStart\_toStartOf="parent"** />