Activity_main.xml

```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">


    <EditText
        android:id="@+id/editTextText2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="104dp"
        android:ems="10"
        android:inputType="text"
        android:text="Name"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />


    <EditText
        android:id="@+id/editTextTextPassword"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="72dp"
        android:ems="10"
        android:hint="Password"
        android:inputType="textPassword"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.497"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editTextText2" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Register"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Main_activity.java

package com.example.prac3;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

```java
public class MainActivity extends AppCompatActivity {
    DBHelper DB;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        EditText username=findViewById(R.id.editTextText2);
        EditText password=findViewById(R.id.editTextTextPassword);
        Button reg=findViewById(R.id.button);
        DB =new DBHelper(this);

        reg.setOnClickListener(new View.OnClickListener() {
            @Override

            public void onClick(View v) {
                String name=username.getText().toString();
                String pass=password.getText().toString();

                Boolean checkuser=DB.checkusername(name);
                if(checkuser==true)
                    Toast.makeText(MainActivity.this,"User already exits in
database",Toast.LENGTH_LONG).show();
                else{
                    Boolean insert=DB.inserdata(name,pass);
                    if(insert==true)
                        Toast.makeText(MainActivity.this,"Registration
Successful",Toast.LENGTH_LONG).show();
                    else{
                        Toast.makeText(MainActivity.this,"Registration
Unsuccessful",Toast.LENGTH_LONG).show();
                    }
                }
            }
        });
    }
}
```

DBHelper.java

package com.example.prac3;


```java
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;
import android.content.ContentValues;

import androidx.annotation.Nullable;

public class DBHelper extends SQLiteOpenHelper {


    public DBHelper(Context context) {
        super(context, "login.db",null,1);
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        db.execSQL("create table users(username text primary key, password text)");
    }
    @Override
    public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion) {
        db.execSQL("drop table if exists users");
    }
    public boolean checkusername(String username) {
        SQLiteDatabase db = this.getWritableDatabase();
        Cursor cursor = db.rawQuery("select * from users where username=?", new String[]{username});
        if(((Cursor) cursor).getCount()>0)
            return true;
        else
            return false;
    }
    public boolean inserdata(String user, String pass){
        SQLiteDatabase db=this.getWritableDatabase();
        ContentValues contentValues=new ContentValues();
        contentValues.put("username", user);
        contentValues.put("password",pass);
        long result=db.insert("users",null,contentValues);

        if(result==-1)
            return false;
        else
            return true;
```

```
    }
}
```