```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/andro
id"
    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:background="@color/purple_200"
    tools:context=".MainActivity">

    <TextView
        android:id="@+id/loginLable"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/login_form"
        android:textColor="#5E35B1"
        android:textColorHighlight="@color/purple_200"
        android:textColorLink="@color/black"
        android:textSize="34sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintHorizontal_bias="0.716"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.119" />

    <TextView
        android:id="@+id/userNameLabel"
        android:layout_width="122dp"
        android:layout_height="46dp"
        android:text="@string/username"
        android:textColor="@color/purple_700"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.103"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"

        app:layout_constraintVertical_bias="0.343" />

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="111dp"
        android:layout_height="90dp"
        android:contentDescription="@string/todo"

app:layout_constraintBottom_toTopOf="@+id/userNameLabel
"

app:layout_constraintEnd_toStartOf="@+id/loginLable"
        app:layout_constraintHorizontal_bias="0.836"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.436"
        app:srcCompat="@drawable/login1" />

    <TextView
        android:id="@+id/passwordLabel"
        android:layout_width="115dp"
        android:layout_height="45dp"
        android:text="@string/password"
        android:textColor="@color/purple_700"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"

app:layout_constraintEnd_toStartOf="@+id/password"
        app:layout_constraintHorizontal_bias="0.513"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/userNameLabel
"

        app:layout_constraintVertical_bias="0.096" />

    <Button
        android:id="@+id/submit"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```xml
        android:text="@string/submit"
        android:textSize="16sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.498"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/loginLable"
        app:layout_constraintVertical_bias="0.568" />

    <EditText
        android:id="@+id/password"
        android:layout_width="211dp"
        android:layout_height="48dp"
        android:autofillHints=""
        android:ems="10"
        android:hint="@string/enter_your_password"
        android:inputType="textPassword"
        android:textColorHint="#311B92"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.93"
        app:layout_constraintStart_toStartOf="parent"

app:layout_constraintTop_toBottomOf="@+id/loginLable"
        app:layout_constraintVertical_bias="0.341" />

    <EditText
        android:id="@+id/username"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:autofillHints=""
        android:ems="10"
        android:hint="@string/enter_your_username"
        android:inputType="textPersonName"
        android:minHeight="48dp"
        android:textColorHint="#311B92"
app:layout_constraintBottom_toTopOf="@+id/password"
```

```xml
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.673"

app:layout_constraintStart_toEndOf="@+id/userNameLabel"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.827" />

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

```java
package com.example.loginform;

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.TextView;
import android.widget.Toast;

import org.w3c.dom.Text;

public class MainActivity extends AppCompatActivity {

    TextView loginLabel;
    TextView userNameLabel;
    TextView passwordLabel;
    EditText username;
    EditText password;
    Button submit;

    @Override
    protected void onCreate(Bundle savedInstanceState)
{
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
```

```java
        loginLabel = (TextView)
findViewById(R.id.loginLable);
        userNameLabel = (TextView)
findViewById(R.id.userNameLabel);
        passwordLabel = (TextView)
findViewById(R.id.passwordLabel);
        username = (EditText)
findViewById(R.id.username);
        password = (EditText)
findViewById(R.id.password);
        submit = (Button) findViewById(R.id.submit);
        submit.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {

if(username.getText().toString().equals("admin") &&
password.getText().toString().equals("password")){

Toast.makeText(MainActivity.this,"Login
Successful!",Toast.LENGTH_SHORT).show();
                    Intent i = new
Intent(MainActivity.this,HomeActivity.class);
                    startActivity(i);
                }
                else if(username.getText().toString()
!= "admin" &&
password.getText().toString().equals("password")){

Toast.makeText(MainActivity.this,"Invalid
Username!",Toast.LENGTH_SHORT).show();
                }
                else
if(username.getText().toString().equals("admin") &&
password.getText().toString() != "password"){

Toast.makeText(MainActivity.this,"Invalid
Password!",Toast.LENGTH_SHORT).show();
```

```java
                }
                else{

Toast.makeText(MainActivity.this,"Invalid Username &
Password!",Toast.LENGTH_SHORT).show();
                }
            }
        });
    }
}
```

```xml
<resources>
    <string name="app_name">Login Form</string>
    <string name="login_form">Login Form</string>
    <string name="username">Username</string>
    <string name="password">Password</string>
    <string name="enter_your_password">Enter your
password</string>
    <string name="submit">Submit</string>
    <string name="welcome_to_home_activity">Welcome to
Home Activity</string>
    <string name="enter_your_username">Enter your
username</string>
    <string name="todo">TODO</string>
</resources>
```

```java
package com.example.loginform;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class HomeActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState)
{
```

```java
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_home);
    }
}
```

```xml
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<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/andro
id"
    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:background="@color/teal_700"
    tools:context=".HomeActivity">

    <TextView
        android:id="@+id/textView"
        android:layout_width="323dp"
        android:layout_height="87dp"
        android:text="@string/welcome_to_home_activity"
        android:textColor="#64FFDA"
        android:textSize="34sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.568"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.714" />

    <ImageView
        android:id="@+id/imageView2"
        android:layout_width="335dp"
        android:layout_height="364dp"
        android:contentDescription="@string/todo"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.496"
```

```xml
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.0"
        app:srcCompat="@drawable/image1" />

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