

LOGIN PAGE

XML CODE:

```
<?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/usernameInput"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginStart="32dp"
        android:layout_marginEnd="32dp"
        android:layout_marginTop="100dp"
        android:autoFillHints=""
        android:hint="@string/enter_username"
        android:inputType="textPersonName"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintEnd_toEndOf="parent" />

    <EditText
        android:id="@+id/password"
        android:layout_width="0dp"
        android:layout_height="wrap_content"
        android:layout_marginTop="16dp"
        android:layout_marginStart="32dp"
        android:layout_marginEnd="32dp"
        android:autoFillHints=""
        android:hint="@string/enter_password"
        android:inputType="textPassword"
        app:layout_constraintTop_toBottomOf="@id/usernameInput"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintEnd_toEndOf="parent" />
```

```

<Button
    android:id="@+id/loginButton"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="24dp"
    android:text="@string/login"
    app:layout_constraintTop_toBottomOf="@id/password"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

```

JAVA CODE:

```

package com.example.eg;

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

public class MainActivity extends AppCompatActivity {

    EditText usernameInput, passwordInput;
    Button loginButton;

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

        usernameInput = findViewById(R.id.usernameInput);
        passwordInput = findViewById(R.id.password);
        loginButton = findViewById(R.id.loginButton);

        loginButton.setOnClickListener(v -> {
            String username = usernameInput.getText().toString().trim();

            if (!username.isEmpty()) {
                Toast.makeText(MainActivity.this, "Username: " + username,

```

```
Toast.LENGTH_SHORT).show();
    } else {
        Toast.makeText(MainActivity.this, "Please enter username",
Toast.LENGTH_SHORT).show();
    }
});
}
}
```