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,
```