activity\_main.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:id="@+id/main"

android:padding="20dp"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<TextView

android:id="@+id/heading"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Login Activity"

android:textSize="30dp"

android:textFontWeight="1000"

android:padding="15dp"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.499"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintVertical\_bias="0.106" />

<EditText

android:id="@+id/email"

android:layout\_width="320dp"

android:layout\_height="42dp"

android:ems="10"

android:hint="Email"

android:inputType="textEmailAddress"

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/heading"

app:layout\_constraintVertical\_bias="0.148" />

<EditText

android:id="@+id/password"

android:layout\_width="320dp"

android:layout\_height="42dp"

android:ems="10"

android:hint="Password"

android:inputType="textPassword"

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/email"

app:layout\_constraintVertical\_bias="0.03" />

<Button

android:id="@+id/login"

android:layout\_width="320dp"

android:layout\_height="50dp"

android:text="LogIn"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.49"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/email"

app:layout\_constraintVertical\_bias="0.227" />

<Button

android:id="@+id/reset"

android:layout\_width="320dp"

android:layout\_height="50dp"

android:text="Reset"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.509"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/login"

app:layout\_constraintVertical\_bias="0.052" />

<TextView

android:id="@+id/result"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text=" "

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/reset"

app:layout\_constraintVertical\_bias="0.426" />

</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java

package com.example.basic\_form;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.TextView;

import androidx.activity.EdgeToEdge;

import androidx.appcompat.app.AppCompatActivity;

import androidx.core.graphics.Insets;

import androidx.core.view.ViewCompat;

import androidx.core.view.WindowInsetsCompat;

public class MainActivity extends AppCompatActivity {

Button login, reset;

EditText email, password;

TextView result;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

EdgeToEdge.enable(this);

setContentView(R.layout.activity\_main);

login = findViewById(R.id.login);

reset = findViewById(R.id.reset);

email = findViewById(R.id.email);

password = findViewById(R.id.password);

result = findViewById(R.id.result);

login.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String emailText = email.getText().toString();

String passwordText = password.getText().toString();

result.setText("Email: " + emailText + "\nPassword: " + passwordText);

}

});

reset.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

email.setText("");

password.setText("");

result.setText("");

}

});

ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {

Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());

v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);

return insets;

});

}

}

Output: -

Before After

