**Create an android application demonstrating Toast, Intent etc.**

* **activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout 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:layout\_width="match\_parent"

android:orientation="vertical"

android:layout\_margin="20dp"

android:background="@drawable/img\_1"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<EditText

android:id="@+id/edittext\_name\_xml"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:inputType="text"

android:textSize="25dp"

android:hint="Name" />

<EditText

android:id="@+id/edittext\_email\_xml"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:textSize="25dp"

android:hint="Email"

android:inputType="textEmailAddress" />

<EditText

android:id="@+id/edittext\_phone\_xml"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:hint="Phone"

android:textSize="25dp"

android:inputType="phone" />

<EditText

android:id="@+id/edittext\_password\_xml"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:ems="10"

android:hint="Password"

android:textSize="25dp"

android:inputType="textPassword" />

<Button

android:id="@+id/btn\_login\_xml"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Login 🔑" />

</LinearLayout>

* **MainActivity.java**

package com.example.intentapplication;

import android.content.Intent;

import android.os.Bundle;

import android.os.Handler;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

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 {

private EditText txt\_name, txt\_email, txt\_password, txt\_phone;

private Button button\_login;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

EdgeToEdge.enable(this);

setContentView(R.layout.activity\_main);

// Initialize views

txt\_name = findViewById(R.id.edittext\_name\_xml);

txt\_email = findViewById(R.id.edittext\_email\_xml);

txt\_phone = findViewById(R.id.edittext\_phone\_xml);

txt\_password = findViewById(R.id.edittext\_password\_xml);

button\_login = findViewById(R.id.btn\_login\_xml);

// Apply window insets for edge-to-edge experience

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;

});

// Set button click listener

button\_login.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

String name\_first = txt\_name.getText().toString();

String email\_first = txt\_email.getText().toString();

String phone\_first = txt\_phone.getText().toString();

String password\_first = txt\_password.getText().toString();

Toast.makeText(MainActivity.this, "Kochi is Loading....", Toast.LENGTH\_SHORT).show();

new Handler().postDelayed(new Runnable() {

@Override

public void run() {

Intent intent = new Intent(MainActivity.this, display.class);

intent.putExtra("name\_intent", name\_first);

intent.putExtra("email\_intent", email\_first);

intent.putExtra("phone\_intent", phone\_first);

intent.putExtra("password\_intent", password\_first);

startActivity(intent);

}

}, 2000);

}

});

}

}

* **activity\_display.xml**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout 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:layout\_width="match\_parent"

android:orientation="vertical"

android:layout\_margin="25dp"

android:layout\_height="match\_parent"

tools:context=".display">

<TextView

android:id="@+id/textview\_name\_xml"

android:layout\_width="match\_parent"

android:layout\_height="36dp"

android:textSize="25dp"

android:textStyle="bold"

android:text="Name:" />

<TextView

android:id="@+id/textview\_email\_xml"

android:layout\_width="match\_parent"

android:layout\_height="36dp"

android:text="Email:"

android:textSize="25dp"

android:textStyle="bold" />

<TextView

android:id="@+id/textview\_phone\_xml"

android:layout\_width="match\_parent"

android:layout\_height="36dp"

android:text="Phone:"

android:textSize="25dp"

android:textStyle="bold" />

<TextView

android:id="@+id/textview\_password\_xml"

android:layout\_width="match\_parent"

android:layout\_height="36dp"

android:text="Password:"

android:textSize="25dp"

android:textStyle="bold" />

<Button

android:id="@+id/btn\_back\_xml"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="Back" />

</LinearLayout>

* **display.java**

package com.example.intentapplication;

import android.content.Intent;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

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 display extends AppCompatActivity {

private TextView txt\_name, txt\_email, txt\_password, txt\_phone;

private Button button\_back;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

EdgeToEdge.enable(this);

setContentView(R.layout.activity\_display);

// Initialize views

txt\_name = findViewById(R.id.textview\_name\_xml);

txt\_email = findViewById(R.id.textview\_email\_xml);

txt\_phone = findViewById(R.id.textview\_phone\_xml);

txt\_password = findViewById(R.id.textview\_password\_xml);

button\_back = findViewById(R.id.btn\_back\_xml);

// Apply window insets for edge-to-edge experience

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;

});

// Get the intent data

String name\_second = getIntent().getStringExtra("name\_intent");

String email\_second = getIntent().getStringExtra("email\_intent");

String phone\_second = getIntent().getStringExtra("phone\_intent");

String password\_second = getIntent().getStringExtra("password\_intent");

// Set the text views with the received data

txt\_name.setText("Name: " + name\_second);

txt\_email.setText("Email: " + email\_second);

txt\_phone.setText("Phone: " + phone\_second);

txt\_password.setText("Password: " + password\_second);

// Set the button click listener

button\_back.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// Clear text views

txt\_name.setText("Name:");

txt\_email.setText("Email:");

txt\_phone.setText("Phone:");

txt\_password.setText("Password:");

// Navigate back to MainActivity

Intent intent = new Intent(display.this, MainActivity.class);

startActivity(intent);

finish();

}

});

}

}

* **Output: -**

