Expt 5th

<?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:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<Button

android:id="@+id/btn\_alert"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:text="show alert dialog" />

<Button

android:id="@+id/btn\_date"

android:text="show date picker"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"/>

<Button

android:id="@+id/btn\_popup"

android:text="show popup menu"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"/>

</LinearLayout>

Java

package com.example.a55;

import android.app.\*;

import android.os.Bundle;

import android.view.\*;

import android.widget.\*;

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 btnAlert,btnDate,btnPopup;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

EdgeToEdge.enable(this);

setContentView(R.layout.activity\_main);

btnAlert = findViewById(R.id.btn\_alert);

btnDate = findViewById(R.id.btn\_date);

btnPopup = findViewById(R.id.btn\_popup);

btnAlert.setOnClickListener(v -> {

new AlertDialog.Builder(this)

.setTitle("Alert")

.setMessage("this is alert dialog")

.setPositiveButton("ok",null)

.setNegativeButton("cancel",null)

.show();

});

btnDate.setOnClickListener(v -> new DatePickerDialog(this).show());

btnPopup.setOnClickListener(v -> {

PopupMenu popup = new PopupMenu(this,v);

popup.getMenu().add("option 1");

popup.getMenu().add("option 2");

popup.getMenu().add("option 3");

popup.show();

});

}

}

