**Custom Dialog Box**

**Main Activity**

package com.example.customdialog;

import androidx.appcompat.app.AppCompatActivity;

import android.app.Dialog;

import android.os.Build;

import android.os.Bundle;

import android.view.View;

import android.view.ViewGroup;

import android.widget.Button;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

Button btn;

Dialog dialog;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

dialog = new Dialog(MainActivity.this);

dialog.setContentView(R.layout.custom\_dialog);

if(Build.VERSION.SDK\_INT >= Build.VERSION\_CODES.ECLAIR\_MR1) {

dialog.getWindow().setBackgroundDrawable(getDrawable(R.drawable.background));

}

// Width and height in the parameters.

dialog.getWindow().setLayout(ViewGroup.LayoutParams.MATCH\_PARENT, ViewGroup.LayoutParams.WRAP\_CONTENT);

dialog.setCancelable(false);

Button okay = dialog.findViewById(R.id.okay);

Button cancel = dialog.findViewById(R.id.cancel);

okay.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Toast.makeText(MainActivity.this, "Cancel", Toast.LENGTH\_SHORT).show();

dialog.dismiss();

}

});

cancel.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Toast.makeText(MainActivity.this, "Okay", Toast.LENGTH\_SHORT).show();

dialog.dismiss();

}

});

btn = findViewById(R.id.btn);

btn.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

dialog.show();

}

});

}

}

**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:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".MainActivity">

<Button

android:id="@+id/btn"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Custom Dialog"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

**CustomDialog XML (resource file)**

<?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="wrap\_content">

<ImageView

android:id="@+id/imageView"

android:layout\_width="283dp"

android:layout\_height="194dp"

android:src="@drawable/correct"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<TextView

android:id="@+id/textView"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Success !!"

android:textSize="30dp"

android:textStyle="bold"

app:layout\_constraintEnd\_toEndOf="@+id/imageView"

app:layout\_constraintStart\_toStartOf="@+id/imageView"

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

<Button

android:id="@+id/okay"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="102dp"

android:layout\_marginEnd="92dp"

android:text="Okay"

app:layout\_constraintEnd\_toEndOf="parent"

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

<Button

android:id="@+id/cancel"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="102dp"

android:text="Cancel"

app:layout\_constraintEnd\_toStartOf="@+id/okay"

app:layout\_constraintStart\_toStartOf="parent"

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

</androidx.constraintlayout.widget.ConstraintLayout>

**Background.xml (inside drawable)**

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

<shape xmlns:android="http://schemas.android.com/apk/res/android">

<corners android:radius="12dp" />

<solid android:color="@android:color/white" />

</shape>