

## Example – Alert Dialog

### 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">

    <TextView
        android:id="@+id/title"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="100dp"
        android:text="@string/titletext"
        android:textSize="24sp"
        android:textStyle="bold"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <Button
        android:id="@+id/closebutton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="100dp"
        android:text="@string/buttontext"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/title" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

### strings.xml

```
<resources>
    <string name="app_name">ExampleAlertdialog</string>
    <string name="titletext">Example Alert Dialogue</string>
    <string name="buttontext">Close App</string>
    <string name="dialogmessage">Welcome to Alert Dialog</string>
    <string name="dialogtitle">Alert Dialog</string>
</resources>
```

## MainActivity.java

```
package com.example.examplealertdialog;

import androidx.appcompat.app.AlertDialog;
import androidx.appcompat.app.AppCompatActivity;

import android.content.DialogInterface;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    Button closebutton;
    AlertDialog.Builder builder;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        closebutton=findViewById(R.id.closebutton);
        builder=new AlertDialog.Builder(this);
        closebutton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                builder.setMessage(R.string.dialogmessage);
                builder.setTitle(R.string.dialogtitle);
                builder.setCancelable(false);
                builder.setPositiveButton("Yes", new
DialogInterface.OnClickListener() {
                    @Override
                    public void onClick(DialogInterface dialog, int which) {
                        finish();
                        Toast.makeText(getApplicationContext(),"You chose YES
action for alertbox",
                                Toast.LENGTH_SHORT).show();
                    }
                });
                builder.setNegativeButton("No", new
DialogInterface.OnClickListener() {
                    @Override
                    public void onClick(DialogInterface dialog, int which) {
                        dialog.cancel();
                        Toast.makeText(getApplicationContext(),"You chose NO
action for alertbox",
                                Toast.LENGTH_SHORT).show();
                    }
                });
                AlertDialog alert1 = builder.create();
                alert1.setTitle("Alert Title");
                alert1.show();
            }
        });
    }
}
```