**Practical No. 9**

**Aim:** Program to create an Alert Dialog Box.

**Performed By:** Yogesh Gavande

**Class:** BCA-III SEM-V

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**Code:**

**Activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout 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:layout\_height="match\_parent"  
 android:padding="20dp"  
 tools:context=".MainActivity">  
  
 <Button  
 android:id="@+id/alertbutton"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerInParent="true"  
 android:text="Close Application"  
 android:textSize="20dp"  
 />  
  
**</RelativeLayout>**

Main\_Activity.java

package com.example.alertactivity1;  
  
import android.os.Bundle;  
import android.content.DialogInterface;  
import android.view.View;  
import android.widget.Button;  
  
import androidx.activity.EdgeToEdge;  
import androidx.appcompat.app.AlertDialog;  
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 btnclose;  
 AlertDialog.Builder builder;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 EdgeToEdge.*enable*(this);  
 setContentView(R.layout.*activity\_main*);  
 btnclose = findViewById(R.id.*alertbutton*);  
 builder = new AlertDialog.Builder(this);  
  
 btnclose.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 builder.setTitle("Alert!!")  
 .setMessage("Do you want to close the application")  
 .setCancelable(true)  
 .setPositiveButton("Yes", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 finish();  
 }  
 })  
 .setNegativeButton("No", new DialogInterface.OnClickListener() {  
 @Override  
 public void onClick(DialogInterface dialogInterface, int i) {  
 dialogInterface.cancel();  
 }  
 })  
 .show();  
  
 }  
 });  
 }  
}

**Output:**



