**Practical – 8 : Make Android App which Demonstrate use of alert box.**

**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:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/button"  
 android:text="Close app"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package com.example.alertbox;  
  
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 = (Button) findViewById(R.id.*button*);  
 builder = new AlertDialog.Builder(this);  
 closeButton.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
  
 *//Uncomment the below code to Set the message and title from the strings.xml file* builder.setMessage(R.string.*dialog\_message*) .setTitle(R.string.*dialog\_title*);  
  
 *//Setting message manually and performing action on button click* builder.setMessage("Do you want to close this application ?")  
 .setCancelable(false)  
 .setPositiveButton("Yes", new DialogInterface.OnClickListener() {  
 public void onClick(DialogInterface dialog, int id) {  
 finish();  
 Toast.*makeText*(getApplicationContext(),"you choose yes action for alertbox",  
 Toast.*LENGTH\_SHORT*).show();  
 }  
 })  
 .setNegativeButton("No", new DialogInterface.OnClickListener() {  
 public void onClick(DialogInterface dialog, int id) {  
 *// Action for 'NO' Button* dialog.cancel();  
 Toast.*makeText*(getApplicationContext(),"you choose no action for alertbox",  
 Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 *//Creating dialog box* AlertDialog alert = builder.create();  
 *//Setting the title manually* alert.setTitle("AlertDialogExample");  
 alert.show();  
 }  
 });  
 }  
}

**strings.xml**

<resources>  
 <string name="app\_name">Alertbox</string>  
 <string name="dialog\_message">Welcome to Alert Dialog</string>  
 <string name="dialog\_title">Javatpoint Alert Dialog</string>  
</resources>

**Output:**

