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

## Activity\_main.xml

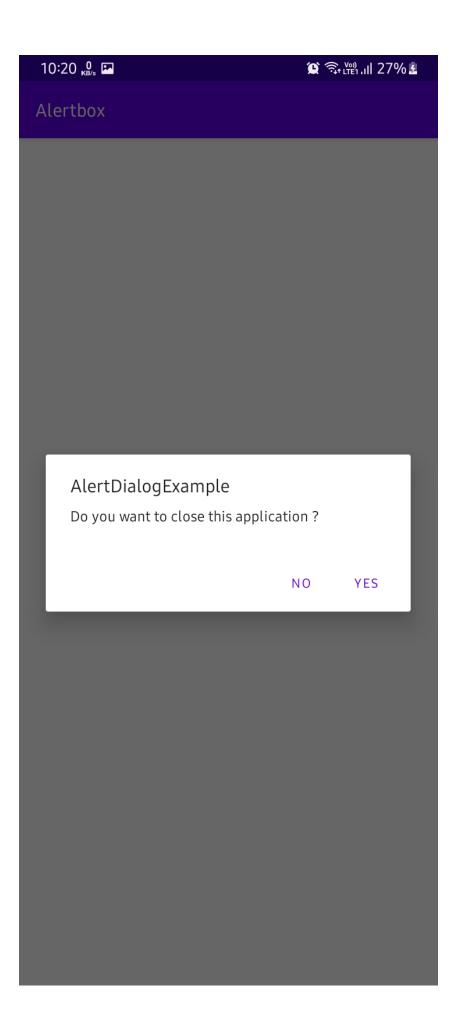
```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout width="match parent"
    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:**





CLOSE APP