

Program No:	9
Roll No :	1545
Title of Program :	Alert Box
Objective :	Create an application. Set Background image. Add a button. On click of the Button alert box should be created using 2 options "Yes and No". If Yes is clicked then application should close. If No is clicked then alert box should disappear.

## Source Code:

### activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/bg2"
    android:padding="16dp">

    <Button
        android:id="@+id/exitButton"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Exit App"
        android:layout_centerInParent="true"/>
</RelativeLayout>
```

### MainActivity.java

```
package com.example.spinnercomp;

import android.app.AlertDialog;
import android.content.DialogInterface;
import android.os.Bundle;
import android.widget.Button;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    Button exitButton;

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

```
exitButton = findViewById(R.id.exitButton);

exitButton.setOnClickListener(v -> {
    new AlertDialog.Builder(MainActivity.this)
        .setTitle("Exit Application")
        .setMessage("Do you really want to exit?")
        .setPositiveButton("Yes", (dialog, which) -> {
            // Close the app
            finishAffinity(); // Closes all activities
        })
        .setNegativeButton("No", (dialog, which) -> {
            // Dismiss dialog
            dialog.dismiss();
        })
        .setCancelable(false)
        .show();
});
}
```

## Output:

