

## 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:

10:20 0 KB/s

VoLTE+ LTE1 27%

## Alertbox

AlertDialogExample

Do you want to close this application ?

NO

YES

10:20 0 KB/s

  27% 

Alertbox

CLOSE APP

