

## Practical 7

### Create an Android application to use Dialogue box.

#### activity\_main.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    >

    <!-- Other views can be placed here -->

    <Button
        android:id="@+id/show_dialog_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Show Dialog" />

</LinearLayout>
```

#### MainActivity.kt

```
package com.example.pr7dialogue

import android.os.Bundle
import androidx.activity.enableEdgeToEdge
import androidx.appcompat.app.AppCompatActivity
import androidx.core.view.ViewCompat
import androidx.core.view.WindowInsetsCompat
import android.widget.Button
import androidx.appcompat.app.AlertDialog
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        val button = findViewById<Button>(R.id.show_dialog_button)
        button.setOnClickListener {
            showDialog()
        }
    }

    private fun showDialog() {
        val builder = AlertDialog.Builder(this)
        builder.setTitle("Alert Dialog")
        builder.setMessage("This is a simple alert dialog.")
        builder.setPositiveButton("OK") { dialog, _ ->
            dialog.dismiss()
        }
        builder.create().show()
    }
}
```

```
1 package com.example.pr7dialogue
2
3 import android.os.Bundle
4 import androidx.activity.enableEdgeToEdge
5 import androidx.appcompat.app.AppCompatActivity
6 import androidx.core.view.ViewCompat
7 import androidx.core.view.WindowInsetsCompat
8 import android.widget.Button
9 import androidx.appcompat.app.AlertDialog
10 class MainActivity : AppCompatActivity() {
11     override fun onCreate(savedInstanceState: Bundle?) {
12         super.onCreate(savedInstanceState)
13         enableEdgeToEdge()
14         setContentView(R.layout.activity_main)
15         val button = findViewById<Button>(R.id.show_dialog_button)
16         button.setOnClickListener { it: View!
17             showDialog()
18         }
19     }
20
21     private fun showDialog() {
22         val builder = AlertDialog.Builder(context: this)
23         builder.setTitle("Alert Dialog")
24         builder.setMessage("This is a simple alert dialog.")
25         builder.setPositiveButton(text: "OK") { dialog, _ ->
26             dialog.dismiss()
27         }
28         builder.create().show()
29     }
30 }
31
```

```
</> activity_main.xml x
1  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
2      xmlns:tools="http://schemas.android.com/tools"
3      android:layout_width="match_parent"
4      android:layout_height="match_parent"
5      android:orientation="vertical"
6      >
7
8      <!-- Other views can be placed here -->
9
10     <Button
11         android:id="@+id/show_dialog_button"
12         android:layout_width="wrap_content"
13         android:layout_height="wrap_content"
14         android:text="Show Dialog" />
15
16 </LinearLayout>
```

## OUTPUT



