

## Practical No : 06b

**Aim : Create an android application to display Alert Dialog on pressing the back button.**

activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?> <RelativeLayout
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
n
```

```
    android:id="@+id/button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentStart="true"
    android:layout_alignParentLeft="true"
    android:layout_alignParentTop="true"
    android:layout_marginStart="127dp"
    android:layout_marginLeft="127dp"
    android:layout_marginTop="204dp"
    android:onClick="openAlert"
    android:text="Click Me for Alert"
    tools:layout_editor_absoluteX="148dp"
    tools:layout_editor_absoluteY="158dp" />
```

```
</RelativeLayout>
```

## MainActivity.java

```
package com.example.myapplication;
```

```
import android.content.DialogInterface; import
android.support.v7.app.AlertDialog; import
android.support.v7.app.AppCompatActivity; import
android.os.Bundle; import android.view.View; import
android.widget.Toast;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    @Override
```

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

```
    public void openAlert(View view)
    {
```

```
        AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
        alertDialogBuilder.setMessage("Are you sure, You wanted to make decision");
        alertDialogBuilder.setPositiveButton("yes", new DialogInterface.OnClickListener() {
            @Override public void onClick(DialogInterface arg0, int arg1)
            {
                Toast.makeText(MainActivity.this, "You clicked yes button", Toast.LENGTH_LONG).show();
            }
        });
```

```
        alertDialogBuilder.setNegativeButton("No", new DialogInterface.OnClickListener()
        {
            @Override public void onClick(DialogInterface dialog, int which) {
                finish();
            }
        });
    }
```

```
    } });  
  
    AlertDialog alertDialog = alertDialogBuilder.create();  
    alertDialog.show();  
}  
}
```

**Output**