

The screenshot shows the Android Studio interface with the following details:

- Title Bar:** OPPO CPH2095, app, navigation icons.
- Toolbar:** Alert, Version control, etc.
- Side Bar:** Android, app, manifests, java, com.example.alert (selected), com.example.alert (androidTest), com.example.alert (test), res, Gradle Scripts.
- Code Editor:** activity_main.xml (tab) and MainActivity.java (tab, selected).

```
1 package com.example.alert;
2
3 > import ...
4
5 </> public class MainActivity extends AppCompatActivity {
6
7     @Override
8     protected void onCreate(Bundle savedInstanceState) {
9         super.onCreate(savedInstanceState);
10        setContentView(R.layout.activity_main);
11    }
12
13    @Override
14    public void onBackPressed() {
15        //super.onBackPressed();
16        AlertDialog.Builder builder = new AlertDialog.Builder(MainActivity.this);
17
18        builder.setMessage("Do you want to exit?");
19        builder.setTitle("Alert!!!");
20        builder.setCancelable(false);
21
22        builder.setPositiveButton("Yes", null);
23        builder.setNegativeButton("No", null);
24
25    }
26
27 }
```
- Bottom Bar:** Alert > app > src > main > java > com > example > alert > MainActivity > onBackpressed, 25:9 LF UTF-8 4 spaces, 31°C Smoke, Search, system icons, ENG IN, 17:12, 18/02/2024.

The screenshot shows the Android Studio interface with the following details:

- Title Bar:** Alert, Version control, OPPO CPH2095, app, navigation icons.
- Side Bar:** Android, app (selected), manifests, java (selected), com.example.alert (selected), MainActivity (selected), com.example.alert (androidTest), com.example.alert (test), res, Gradle Scripts.
- Main Area:** activity_main.xml and MainActivity.java. The code in MainActivity.java is as follows:

```
19  public void onBackPressed() {  
20      //super.onBackPressed();  
21      AlertDialog.Builder builder = new AlertDialog.Builder(context: MainActivity.this);  
22  
23      builder.setMessage("Do you want to exit?");  
24      builder.setTitle("Alert!!");  
25      builder.setCancelable(false);  
26  
27      builder.setPositiveButton(text: "Yes", new DialogInterface.OnClickListener() {  
28          @Override  
29          public void onClick(DialogInterface dialog, int which) {  
30              finish();  
31          }  
32      });  
33  
34      builder.setNegativeButton(text: "Cancel", new DialogInterface.OnClickListener() {  
35          @Override  
36          public void onClick(DialogInterface dialog, int which) {  
37              Toast.makeText(context: MainActivity.this, text: "You clicked on Cancel", To  
38          }  
39      });  
40  
41      }  
42  }  
43 }
```

The code handles the back press event by displaying an alert dialog asking if the user wants to exit. It has two buttons: "Yes" and "Cancel". Clicking "Yes" finishes the activity, while "Cancel" shows a toast message.

The screenshot shows the Android Studio interface with the following details:

- Title Bar:** OPPO CPH2095, app
- Side Navigation:** Alert, Version control, Android, app, manifests, java, com.example.alert (selected), MainActivity, com.example.alert (androidTest), com.example.alert (test), res, Gradle Scripts.
- Main Area:** activity_main.xml (tab) and MainActivity.java (tab, selected).

```
19  public void onBackPressed() {  
20      //super.onBackPressed();  
21      AlertDialog.Builder builder = new AlertDialog.Builder(context: MainActivity.this);  
22  
23      builder.setMessage("Do you want to exit?");  
24      builder.setTitle("Alert!!");  
25      builder.setCancelable(false);  
26  
27      builder.setPositiveButton(text: "Yes", new DialogInterface.OnClickListener() {  
28          @Override  
29          public void onClick(DialogInterface dialog, int which) {  
30              finish();  
31          }  
32      });  
33  
34      builder.setNegativeButton(text: "Cancel", new DialogInterface.OnClickListener() {  
35          @Override  
36          public void onClick(DialogInterface dialog, int which) {  
37              Toast.makeText(context: MainActivity.this, text: "You clicked on Cancel", To  
38          }  
39      });  
40  
41      AlertDialog alertDialog = builder.create();  
42      alertDialog.show();  
43  }
```
- Bottom Bar:** Alert > app > src > main > java > com > example > alert > MainActivity > onBackPressed, Gradle Build Running, LF, UTF-8, 4 spaces, ENG IN, 17:14, 18/02/2024.