

# Experiment 8

Develop an android application that integrates web view for view web pages.

## Activity.kt

```
1. package com.example.appdrawer
2.
3. import android.content.Intent
4. import android.net.Uri
5. import androidx.appcompat.app.AppCompatActivity
6. import android.os.Bundle
7. import kotlinx.android.synthetic.main.activity_main.*
8.
9. class MainActivity : AppCompatActivity() {
10.
11.     override fun onCreate(savedInstanceState: Bundle?) {
12.         super.onCreate(savedInstanceState)
13.         setContentView(R.layout.activity_main)
14.
15.         browserBtn.setOnClickListener {
16.             Intent(this, MyPortfolioweb::class.java).also{
17.                 startActivity(it)
18.             }
19.         }
20.
21.         dialBtn.setOnClickListener {
22.             val callIntent: Intent = Intent(Intent.ACTION_DIAL, U
23. ri.parse("tel:+91-9694174289"))
24.             startActivity(callIntent)
25.         }
26.
27.         mapBtn.setOnClickListener {
28.             val mapIntent: Intent = Uri.parse(
29.                 "geo:20.278983, 72.983863"
30.             ).let { location ->
31.                 Intent(Intent.ACTION_VIEW, location)
32.             }
33.             startActivity(mapIntent)
34.         }
35.     }
```

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## MyPortfolioWeb.kt

```
1. package com.example.appdrawer
2.
3. import android.os.Bundle
4. import android.webkit.WebSettings
5. import android.webkit.WebView
6. import androidx.appcompat.app.AppCompatActivity
7.
8.
9. class MyPortfolioWeb : AppCompatActivity() {
10.     private lateinit var myWebView: WebView;
11.
12.     override fun onCreate(savedInstanceState: Bundle?) {
13.         super.onCreate(savedInstanceState)
14.         setContentView(R.layout.activity_my_portfolio_web)
15.
16.         myWebView = findViewById(R.id.portfolioWeb)
17.
18.         //JavaScript is by default turned off in WebView widgets.
19.         // Hence web pages containing javascript references won't
20.         work properly.
21.         val webSettings: WebSettings = myWebView.settings
22.         webSettings.javaScriptEnabled = true
23.         myWebView.loadUrl("https://shashwa7.netlify.app")
24.     }
25.
26.     //in-
27.     order to navigate backwards in our web view we have override onBackPressed()
28.
29.     //other wise on pressing back btn the web app will exit
30.     override fun onBackPressed() {
31.         if(myWebView.canGoBack())
32.         {
33.             //if app has a page to go back then on pressing back
34.             btn navigate to that page
35.             myWebView.goBack();
36.         }
37.         else {
38.             //if no page to go back, exit out of the app
39.             super.onBackPressed() //this by default closes the ap
40.             p when the back nav is clicked
41.         }
42.     }
43. }
```

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Snapshot :

