

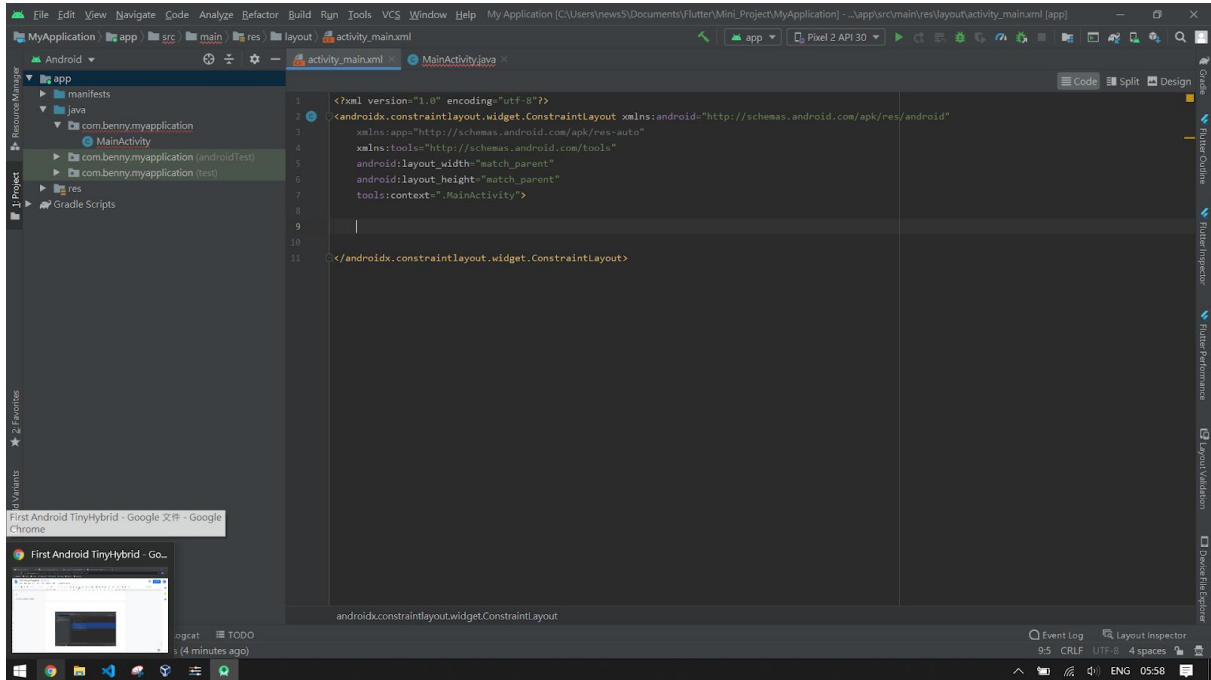
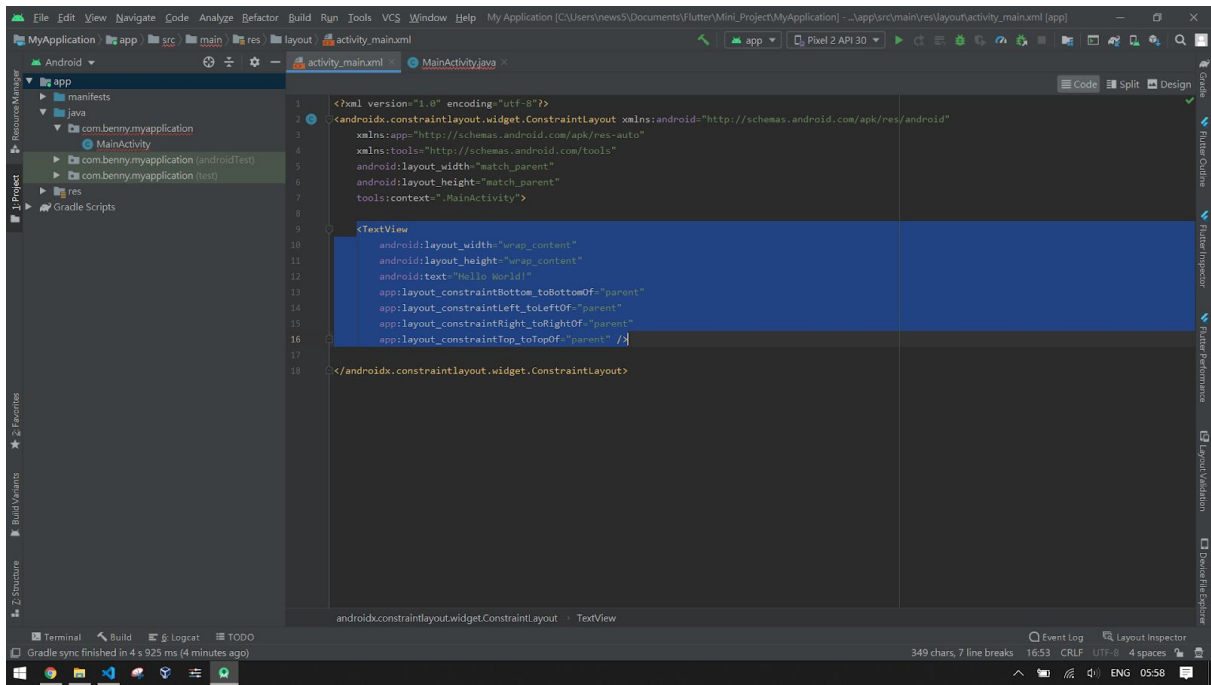
```
import androidx.appcompat.app.AppCompatActivity;
import android.app.Activity;
import android.os.Bundle;
import android.view.View;
import android.webkit.JavascriptInterface;
import android.webkit.WebSettings;
import android.webkit.WebView;
import android.webkit.WebViewClient;
import android.widget.Toast;

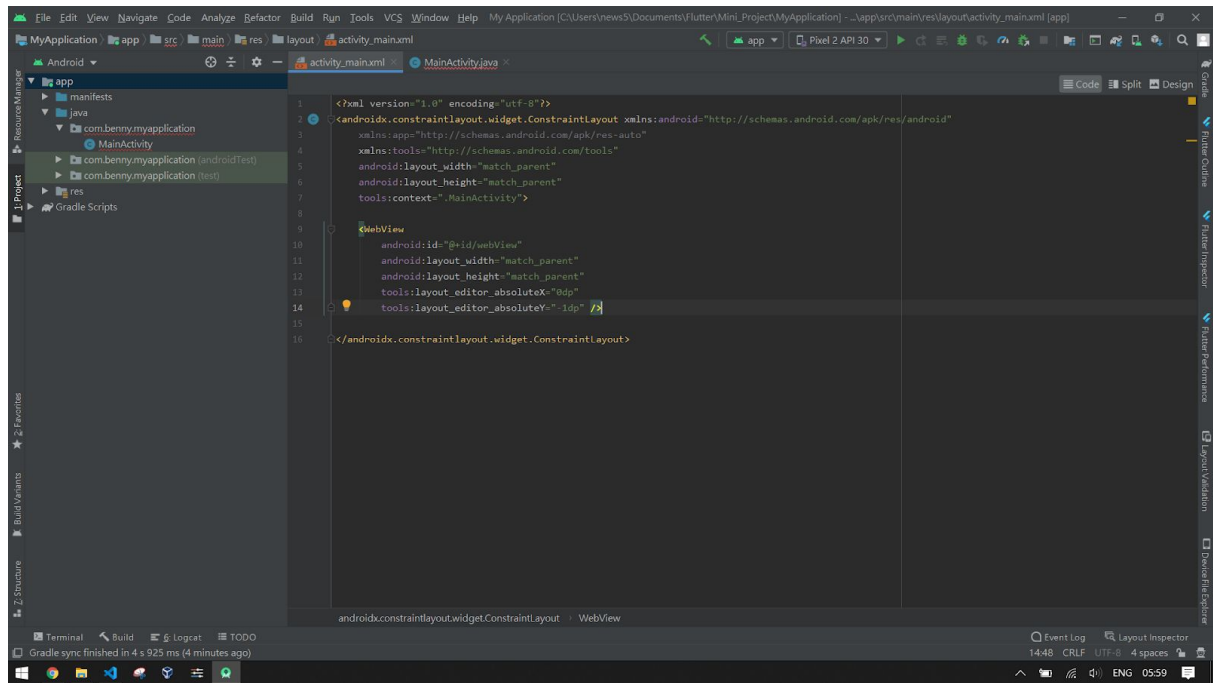
public class MainActivity extends AppCompatActivity {
    private WebView myWebView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

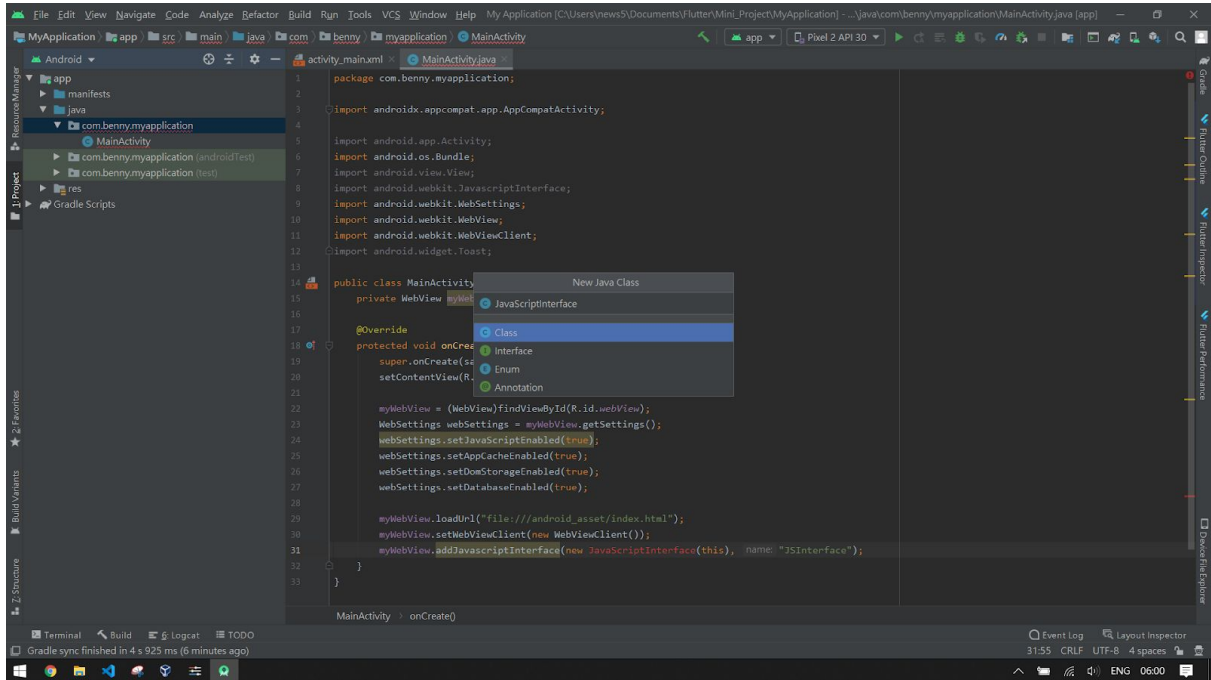
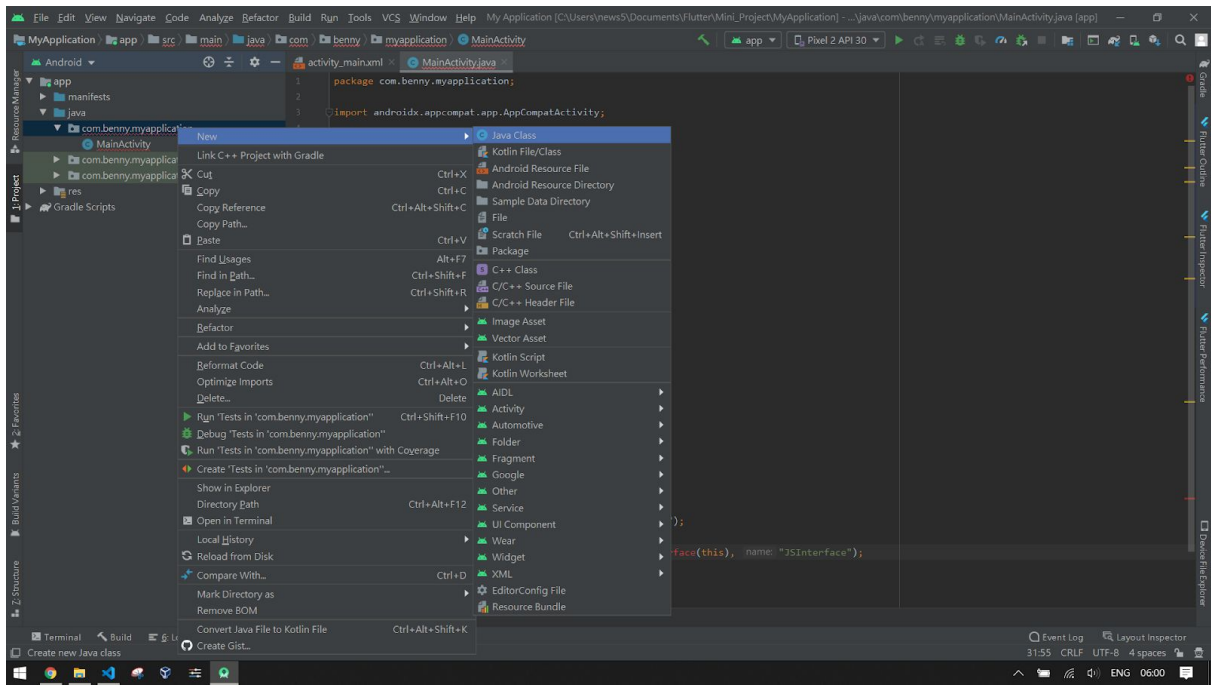
        myWebView = (WebView)findViewById(R.id.webView);
        WebSettings webSettings = myWebView.getSettings();
        webSettings.setJavaScriptEnabled(true);
        webSettings.setAppCacheEnabled(true);
        webSettings.setDomStorageEnabled(true);
        webSettings.setDatabaseEnabled(true);

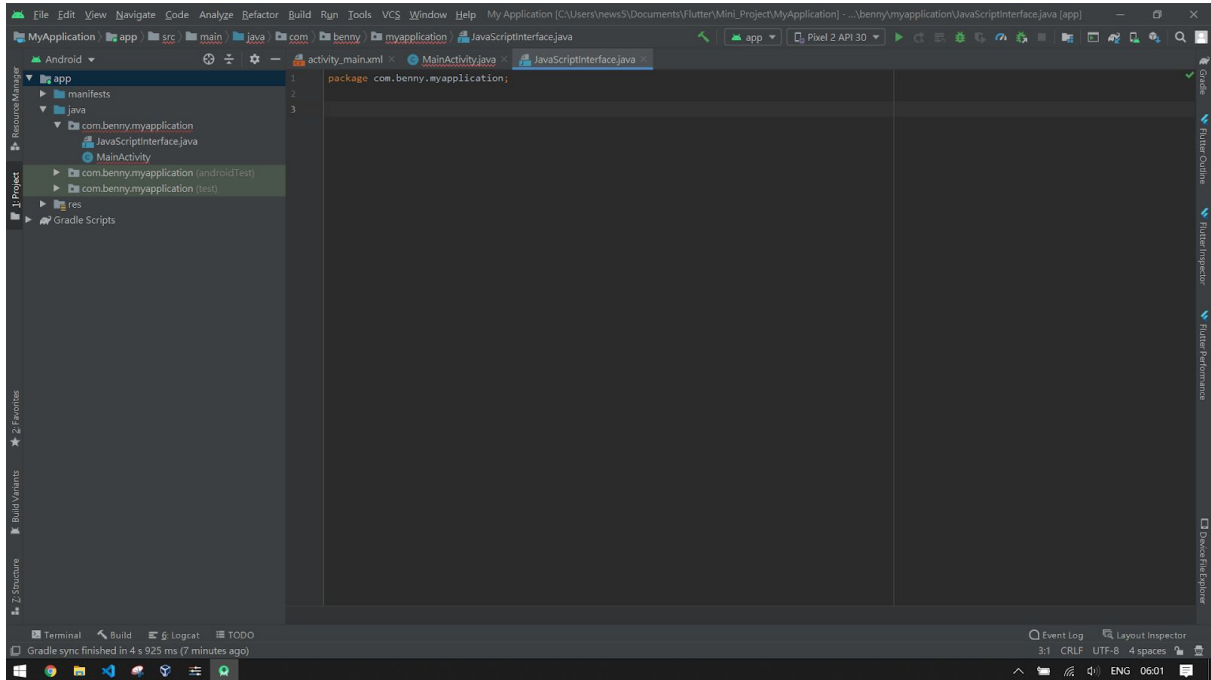
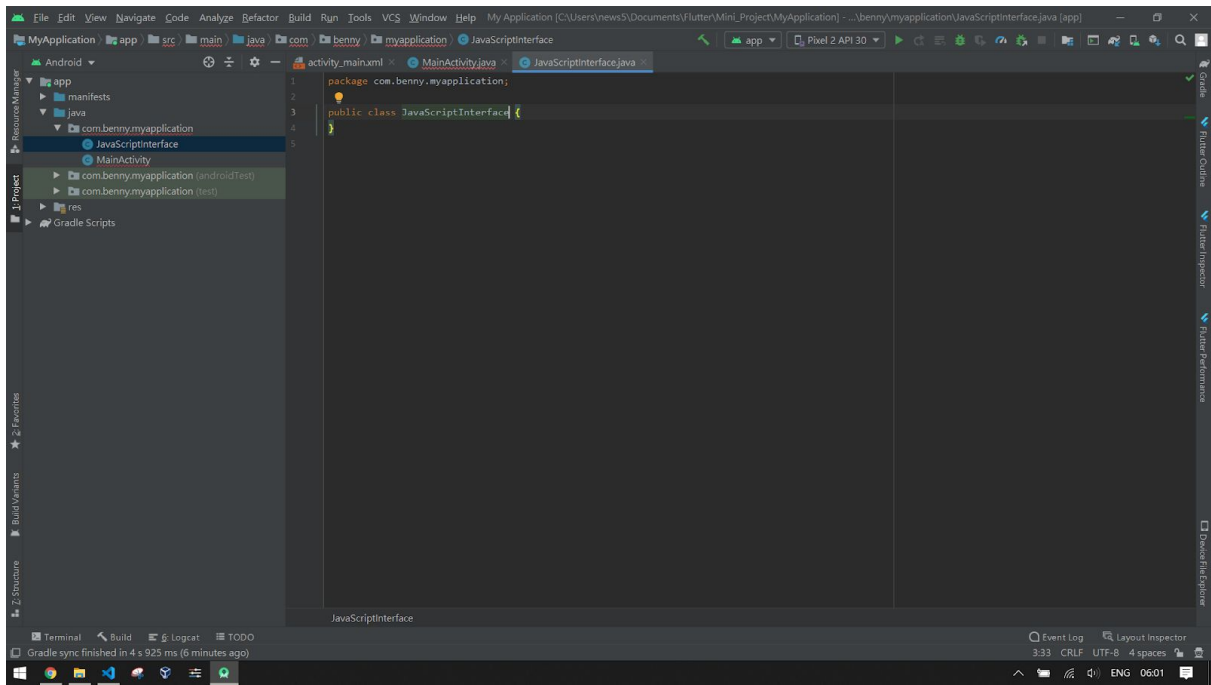
        myWebView.loadUrl("file:///android_asset/index.html");
        myWebView.setWebViewClient(new WebViewClient());
        myWebView.addJavascriptInterface(new JavaScriptInterface(this), "JSInterface");
    }
}
```

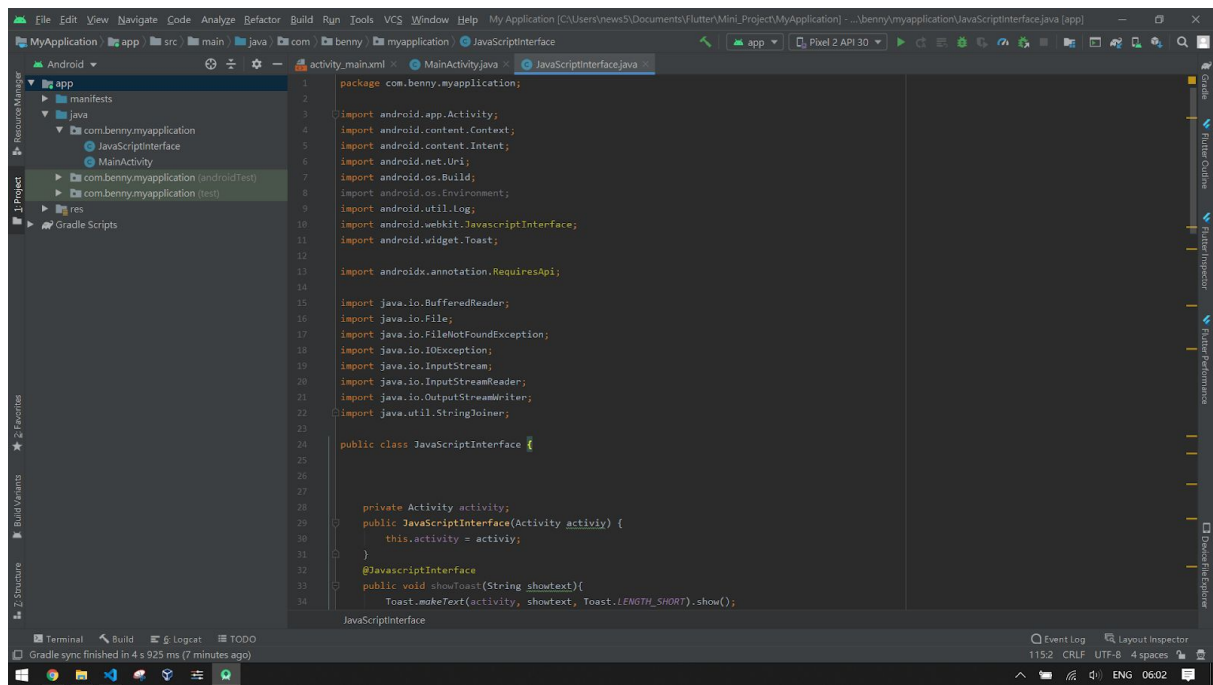




```
<WebView
    android:id="@+id/webView"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:layout_editor_absoluteX="0dp"
    tools:layout_editor_absoluteY="-1dp" />
```







```
import android.app.Activity;
import android.content.Context;
import android.content.Intent;
import android.net.Uri;
import android.os.Build;
import android.os.Environment;
import android.util.Log;
import android.webkit.JavascriptInterface;
import android.widget.Toast;

import androidx.annotation.RequiresApi;

import java.io.BufferedReader;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.io.OutputStreamWriter;
import java.util.StringJoiner;

public class JavaScriptInterface {
```

```

private Activity activity;
public JavaScriptInterface(Activity activity) {
    this.activity = activity;
}

@JavascriptInterface
public void showToast(String showtext){
    Toast.makeText(activity, showtext,
Toast.LENGTH_SHORT).show();
}

@JavascriptInterface
public void writeFile(String data, String filename) {
    Context context =
this.activity.getApplication().getApplicationContext();
    try {
        OutputStreamWriter outputStreamWriter = new
OutputStreamWriter(context.openFileOutput(filename,
Context.MODE_PRIVATE));
        outputStreamWriter.write(data);
        outputStreamWriter.close();
    }
    catch (IOException e) {
        Log.e("Exception", "File write failed: " + e.toString());
    }
}

@JavascriptInterface
public String readFile(String filename) {
    Context context =
this.activity.getApplication().getApplicationContext();
    String ret = "";

    try {
        InputStream inputStream =
context.openFileInput(filename);

        if ( inputStream != null ) {
            InputStreamReader inputStreamReader = new
InputStreamReader(inputStream);
            BufferedReader bufferedReader = new
BufferedReader(inputStreamReader);
            String receiveString = "";

```

```

        StringBuilder stringBuilder = new StringBuilder();

        while ( (receiveString = bufferedReader.readLine())
!= null ) {

            stringBuilder.append("\n").append(receiveString);

        }

        inputStream.close();
        ret = stringBuilder.toString();

    }

    catch (FileNotFoundException e) {
        Log.e("login activity", "File not found: " +
e.toString());
    } catch (IOException e) {
        Log.e("login activity", "Can not read file: " +
e.toString());
    }

    return ret;
}

@JavascriptInterface
public boolean delFile(String filename) {
    Context context =
this.activity.getApplication().getApplicationContext();
    File dir = context.getFilesDir();
    File file = new File(dir, filename);
    boolean deleted = file.delete();
    return deleted;
}

@RequiresApi(api = Build.VERSION_CODES.N)
@JavascriptInterface
public String listFile() {
    Context context =
this.activity.getApplication().getApplicationContext();

    String path = context.getFilesDir().toString();

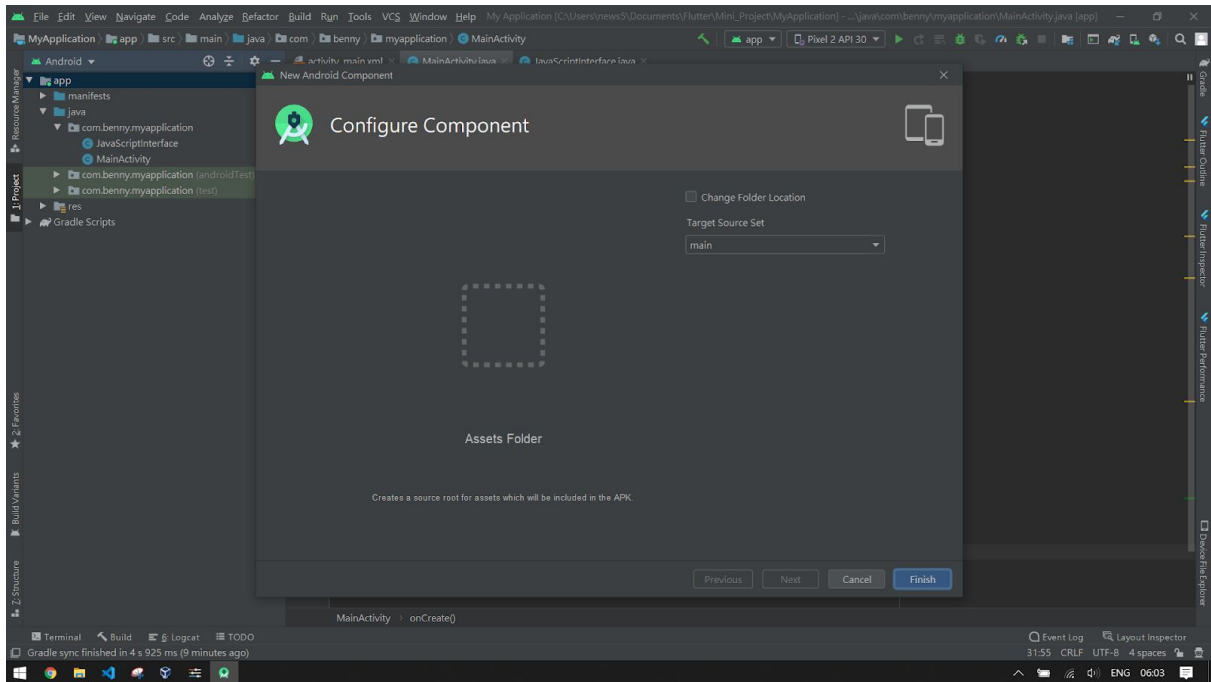
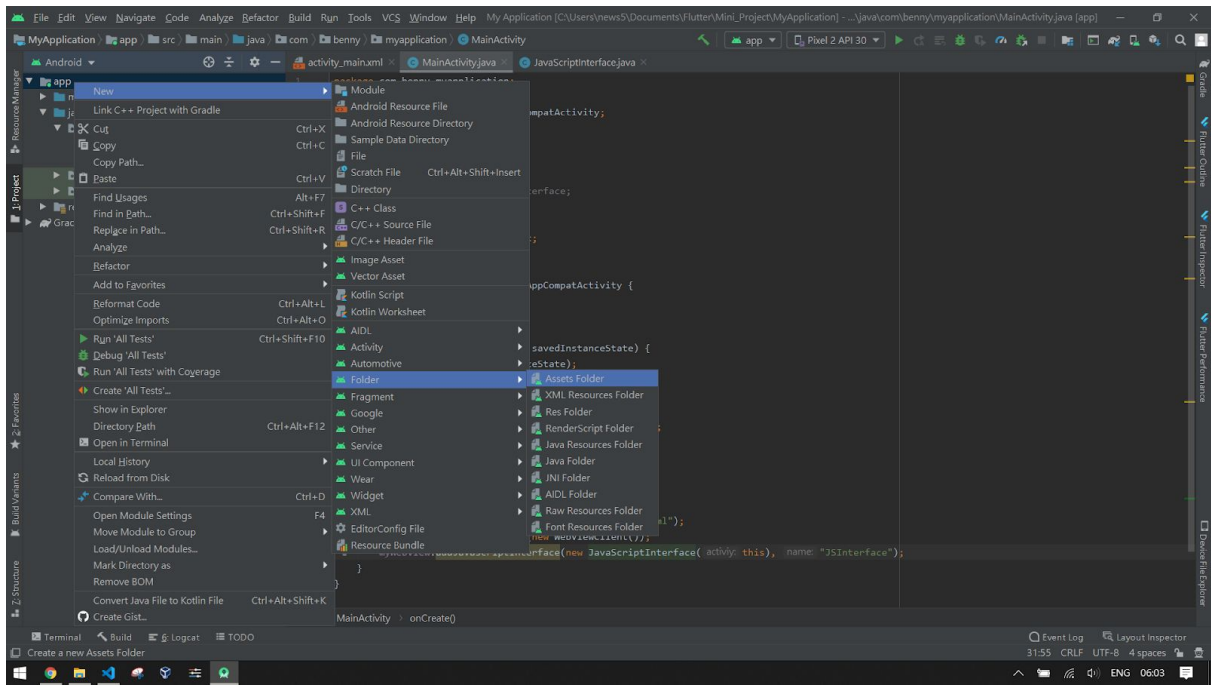
    File directory = new File(path);
    File[] files = directory.listFiles();

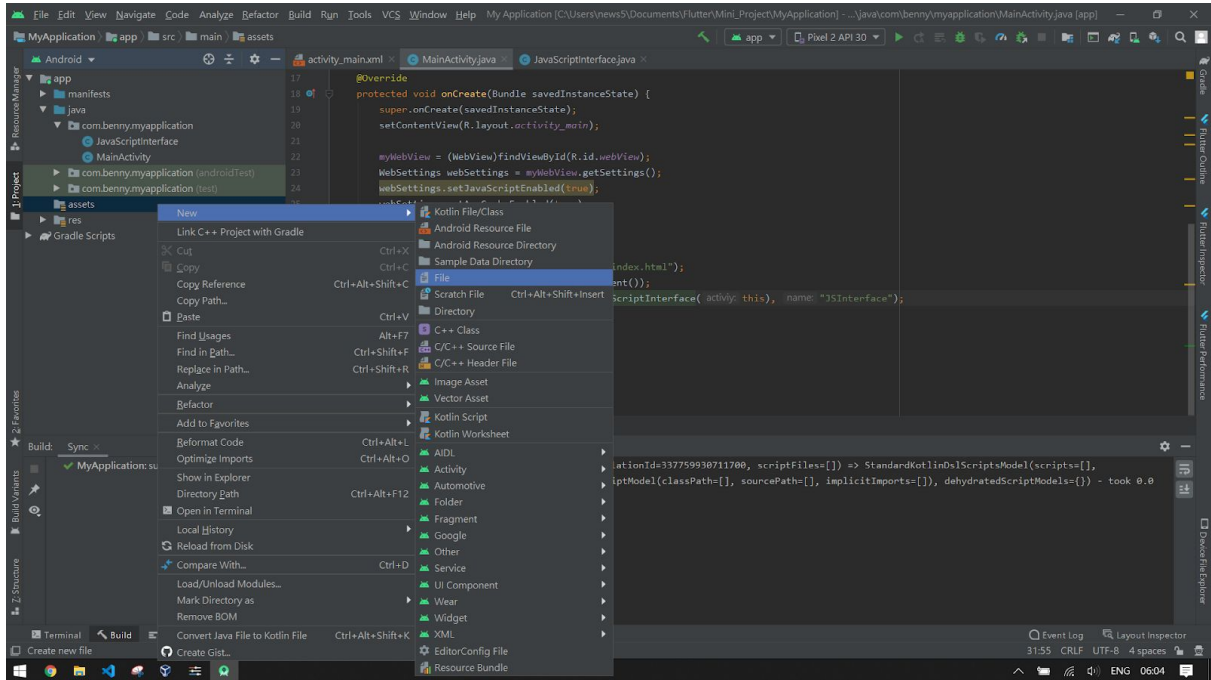
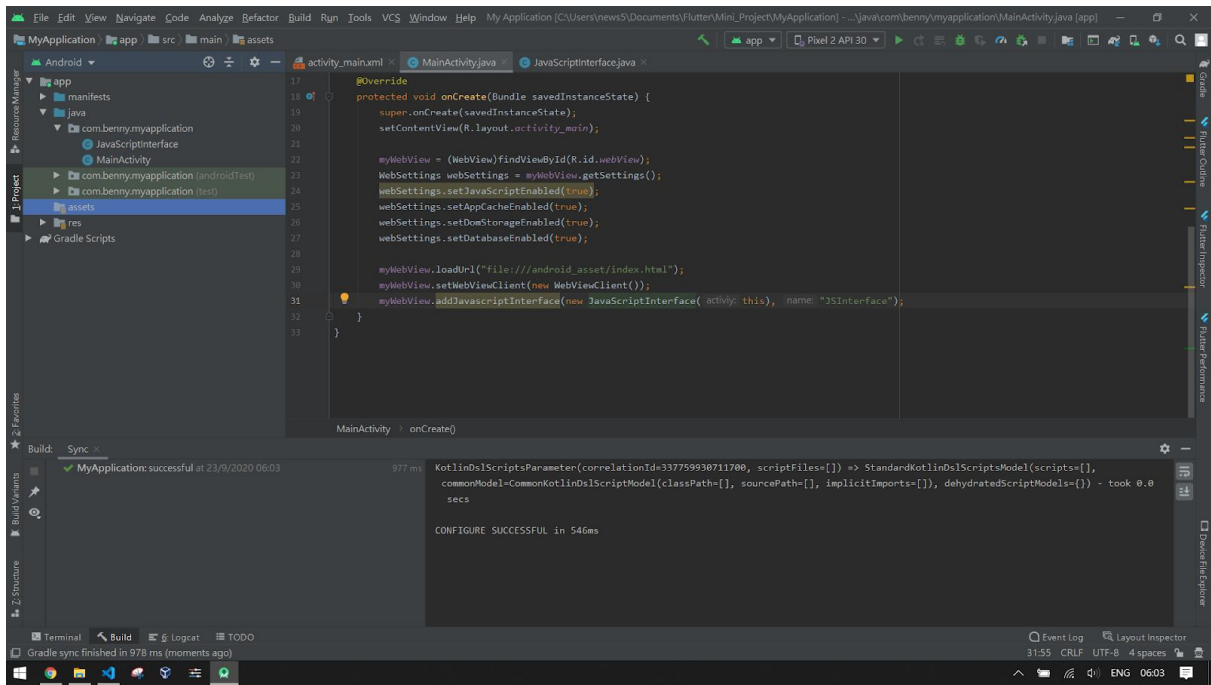
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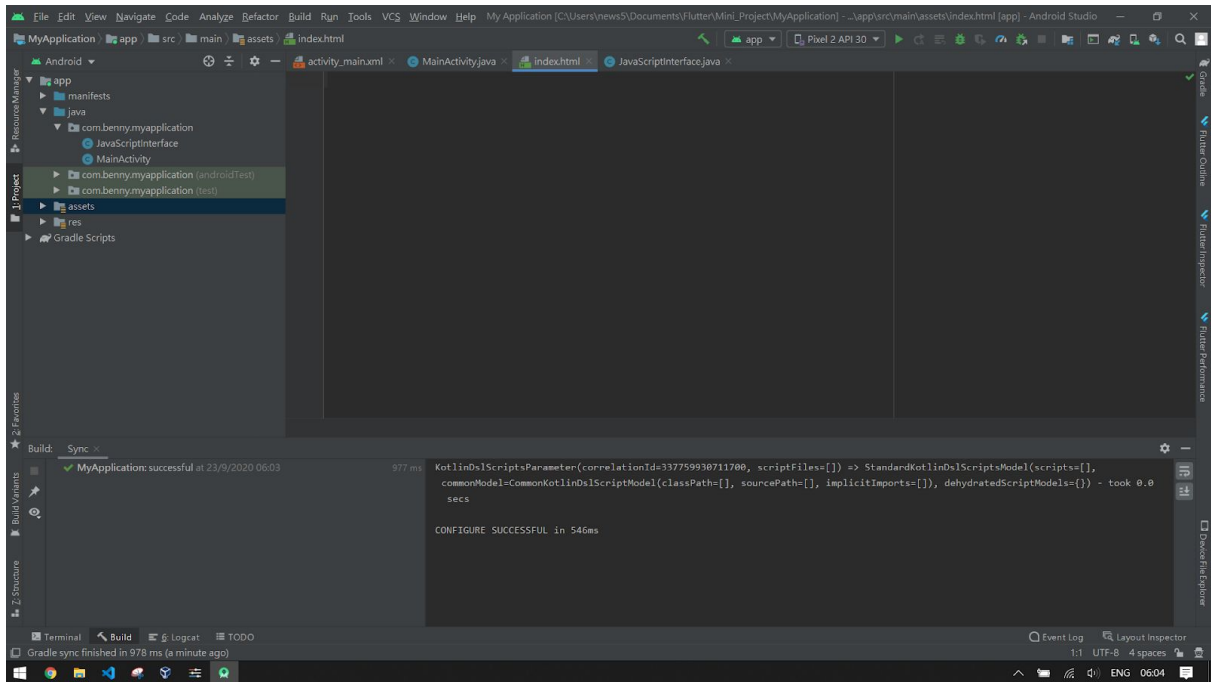
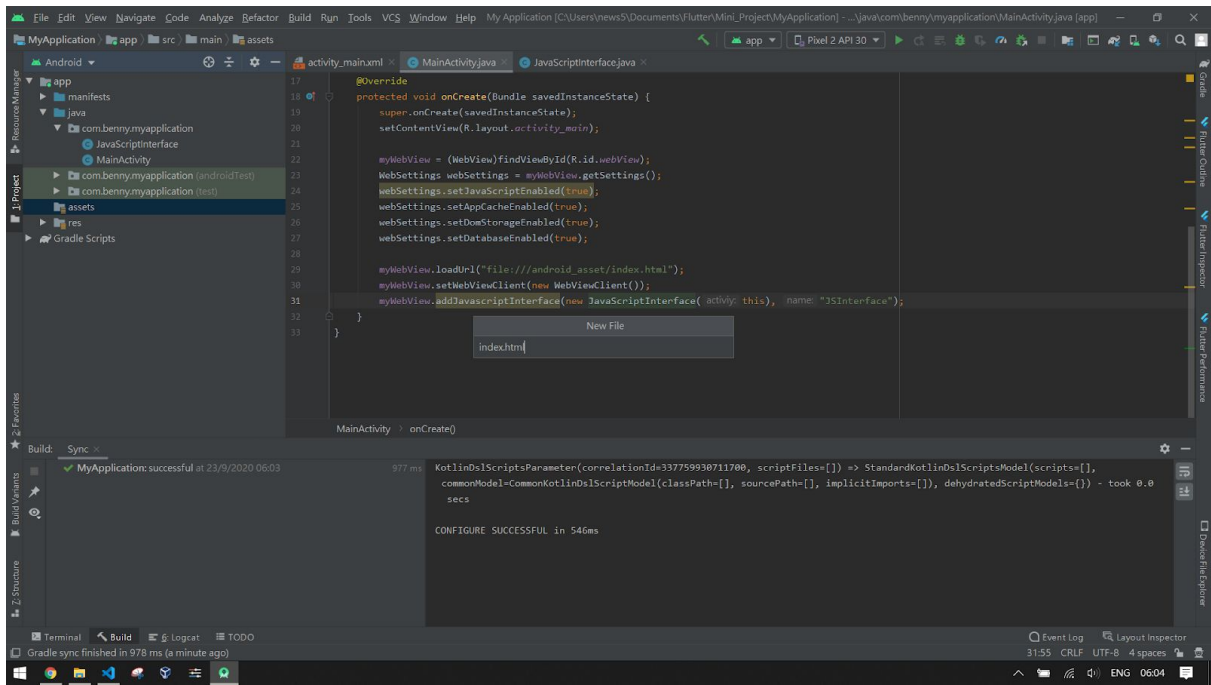
```
String[] names = new String[files.length];
StringJoiner joiner = new StringJoiner("/");
for (int i = 0; i < files.length; i++) {
    names[i] = files[i].getName();
    joiner.add(names[i]);
}

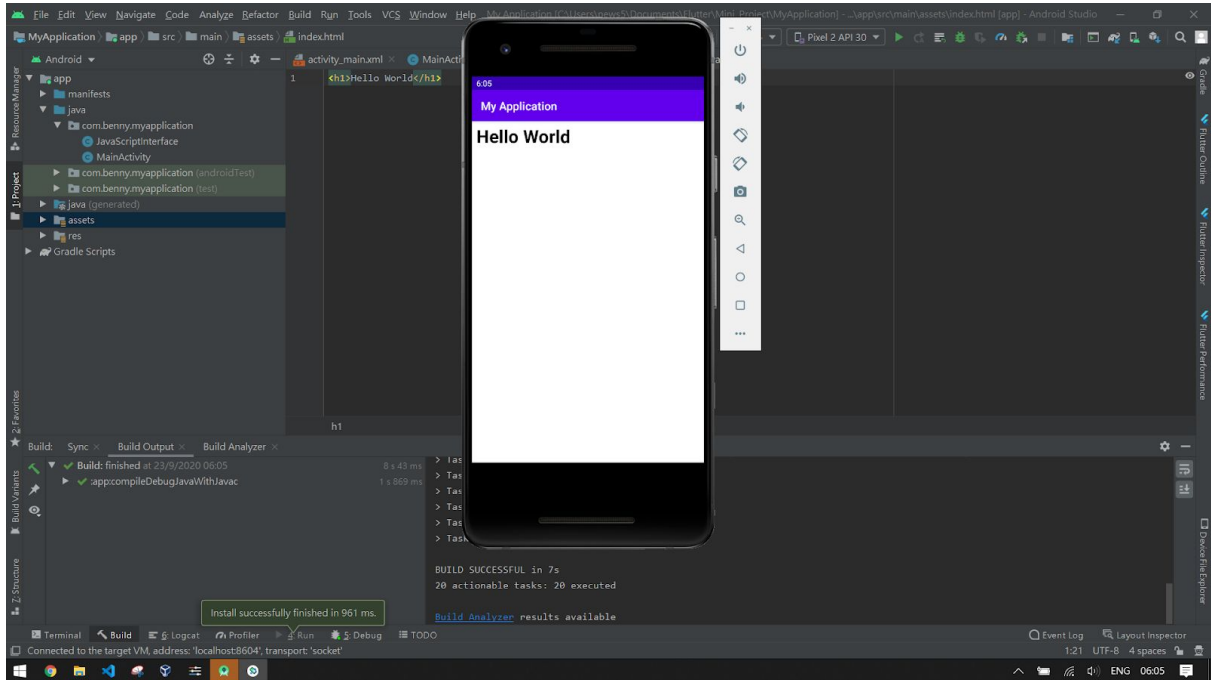
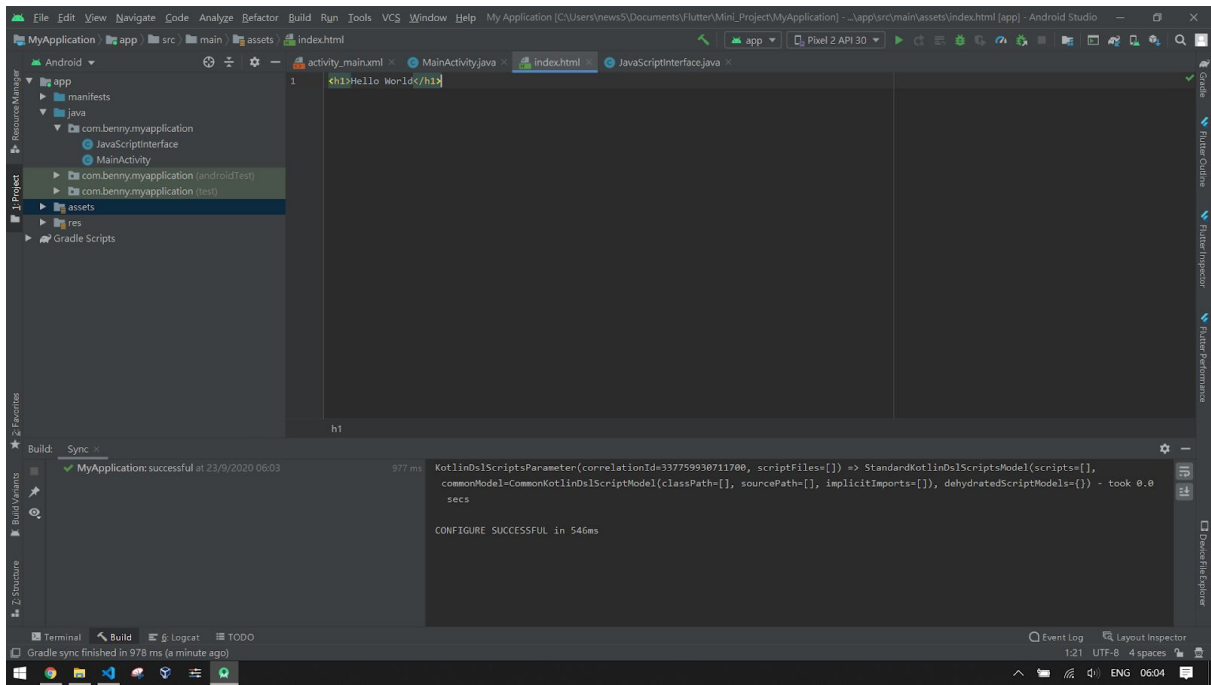
return joiner.toString();
}

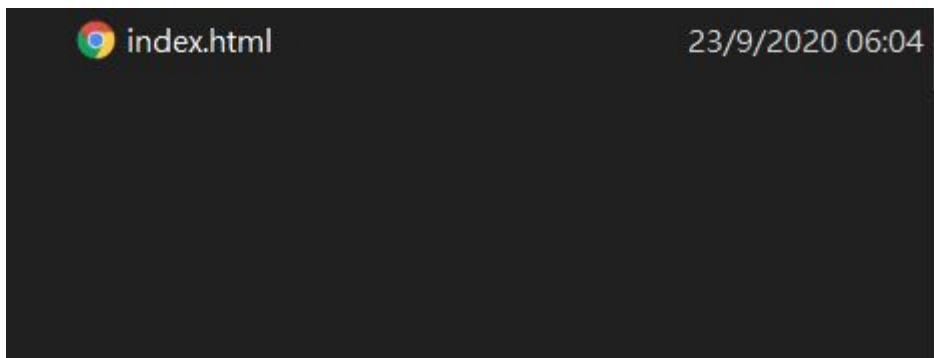
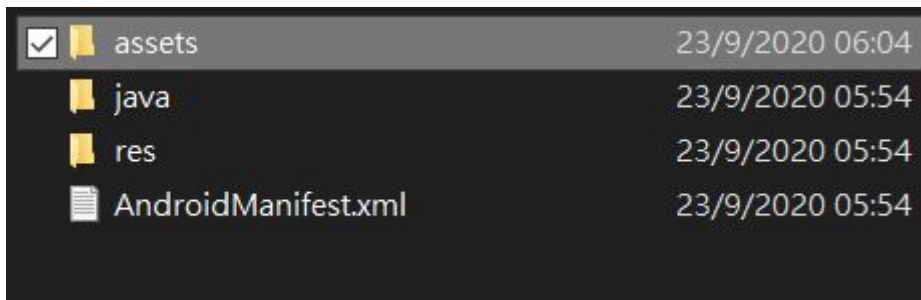
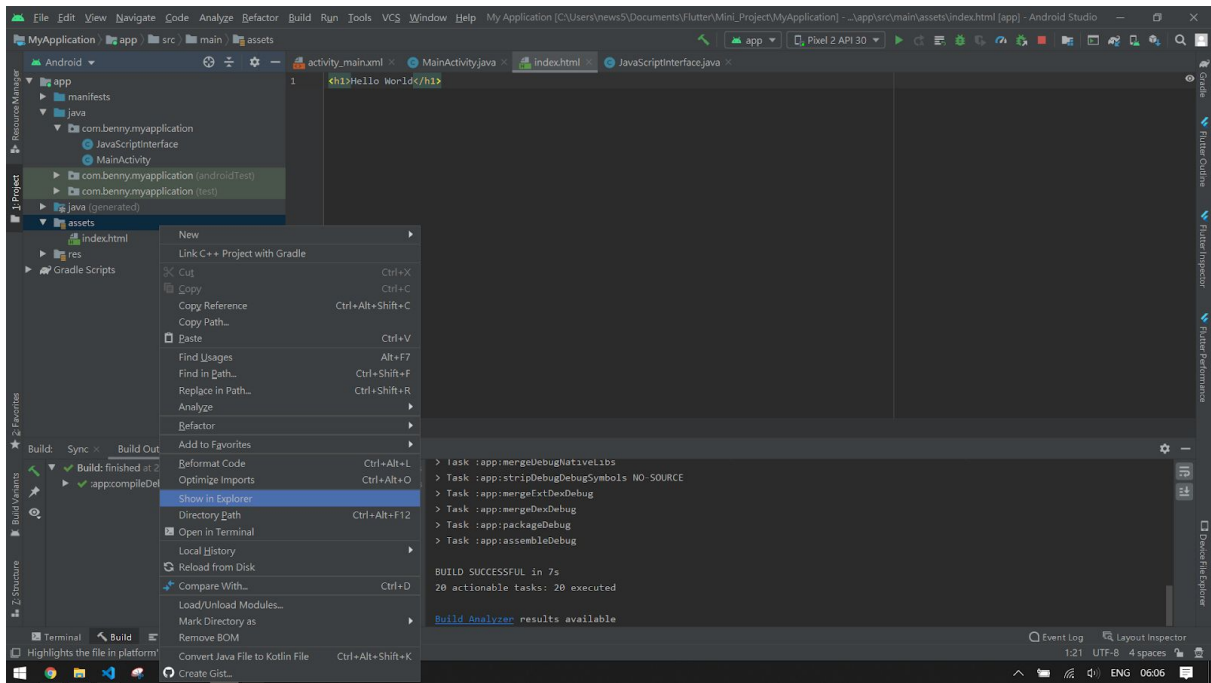
@JavascriptInterface
public void openURL(String url) {
    Intent browserIntent = new Intent(Intent.ACTION_VIEW,
Uri.parse(url));
    this.activity.startActivity(browserIntent);
}
}
```











Develop HTML/CSS/JS in this file.