

Create a hello world html5 Application

Aim

To create an android application to understand integration of html using webview.

Objective

Create an android application to integrate html using webview.

Apparatus

Android Studio

Steps to include html and javascript file in the android project:-

→ html, js, css and other asset files are included in the "assets" folder in the project.

→ The path to the assets folder should be: <project>/src/main/assets

Procedure:-

Source Code

helloworld.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Sample webview</title>
```

```
</head>
```

```
<body>
```

```
<h1>Hello World!</h1>
```

```
<p>A sample helloworld application using webview</p>
```

```
</body>
```

```
</html>
```

MainActivity.java

```
public class MainActivity extends AppCompatActivity {  
    protected void onCreate(Bundle savedInstanceState) {  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_main);  
  
        WebView wb = (WebView) findViewById(R.id.webView1);  
        WebSettings ws = wb.getSettings();  
        ws.setBuiltInZoomControls(true);  
        ws.setJavaScriptEnabled(true);  
        wb.loadUrl("file:///android-asset/helloWorld.html");  
    }  
}
```

activity_main.xml

```
<ConstraintLayout ... >  
    <WebView  
        android:id="@+id/webView1"  
        android:layout_width="match_constraint"  
        android:layout_height="match_constraint" />  
</ConstraintLayout>
```

Output

