

WebView

Experiment Outcomes

M2.05 Implement a program to integrate a website inside the application using WebView

Aim:

To create an Android application with a simple WebView by using HTML and CSS

Procedure:

Activity_main.xml

```
<?Xml version="1.0" encoding="utf-8"?>
<LinearLayout 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">
    <WebView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/whtml"
    />
</LinearLayout>
```

Mainactivity.java

```
Package com.example.html;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.webkit.WebView;
public class MainActivity extends AppCompatActivity {
    WebView wbv;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        wbv=findViewById(R.id.whtml);
        wbv.loadUrl("file:///android_asset/ssm.html");
    }
}
```

Ssm.html

```
<!DOCTYPE html>
<html>
<head>
    <title>My Simple Home Page</title>
</head>
<head>
    <link rel="stylesheet" href="mycss.css">
</head>
<body>
<header>
    <h1>Welcome to SSM</h1>
```

```

</header>
<nav>
  <ul>
    <li><a href="#">Home</a></li>
    <li><a href="#">About</a></li>
    <li><a href="#">Contact</a></li>
  </ul>
</nav>
<main>
  <h2>GET TRAINED FROM THE LEADING POLYTECHNIC COLLEGE</h2>
  <p>SSM is a Government - Aided Polytechnic College established in 1962 by the
  KMEA, This institution has made great strides in technical proficiency and has blazed a
  trail for others to follow.</p>
  <ul>
    <li>Academics</li>
    <li>Departments</li>
    <li>Activities</li>
    <li>Facilities</li>
  </ul>
  <p>Contact us today to learn more!</p>
</main>
<footer>
  <p>&copy; 2023 My Website. All rights reserved.</p>
</footer>
</body>
</html>

```

Mycss.css

```

Body
{
  background-color: powderblue;
}
h1
{
  font-size: 40px;
  color: blue;
}
h2
{
  color:green"
}
p
{
  color: red;
}
Li
{
  color:green
}

```

Result: The result was successfully obtained.