

PRACTICAL: 9

AIM:

Create an application with the help of webview.

THEORY:

- WebView is a view that display web pages inside your application. You can also specify HTML string and can show it inside your application using WebView. WebView makes turns your application to a web application.

CODE:

```
//activity_main.xml
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
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:id="@+id/webview"
        android:layout_width="368dp"
        android:layout_height="495dp"
        tools:layout_editor_absoluteX="8dp"
        tools:layout_editor_absoluteY="8dp"
        tools:ignore="MissingConstraints" />
</android.support.constraint.ConstraintLayout>

//MainActivity.java
package com.example.administrator.webview;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.webkit.WebSettings;
import android.webkit.WebView;

public class MainActivity extends AppCompatActivity {

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

```
WebView webView = (WebView) findViewById(R.id.webview);  
WebSettings webSettings = webView.getSettings();  
webSettings.setJavaScriptEnabled(true);  
webView.loadUrl("https://www.charusat.ac.in/");  
}  
}
```

OUTPUT:

CONCLUSION: We have successfully created android application which loads charusat website in android webview.