PRTACTICAL – 9

AIM - Create an application with the help of web view.

Activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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="com.example.administrator.prac9_webview.MainActivity">

    <TextView android:text="WebView" android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/textview"
        android:textSize="35dp"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="35dp"
        android:text="charusat website"
        android:textColor="#ff7aff24"
        android:textSize="35dp" />

    <EditText
        android:id="@+id/editText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentStart="true"
        android:layout_below="@+id/textView"
        android:layout_marginTop="11dp"
        android:focusable="true"
        android:hint="Enter Text"
        android:textColorHighlight="#ff7eff15"
        android:textColorHint="#ffff25e6" />

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

        android:layout_alignEnd="@+id/textView"
        android:layout_below="@+id/button"
        android:src="@drawable/abc" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```xml
            android:layout_below="@+id/editText"
            android:layout_centerHorizontal="true"
            android:text="Enter" />

    <WebView
        android:id="@+id/webView"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_alignStart="@+id/textview"
        android:layout_marginBottom="0dp"
        android:layout_marginLeft="0dp"
        android:layout_marginRight="100dp"
        android:layout_marginTop="404dp"
        android:visibility="visible" />


</RelativeLayout>
```

Mainactivity.java

```java
package com.example.administrator.prac9_webview;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;

import android.view.View;
import android.webkit.WebView;
import android.webkit.WebViewClient;
import android.widget.Button;
import android.widget.EditText;

public class MainActivity extends AppCompatActivity
{
    Button b1;
    EditText ed1;
    private WebView wv1;

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

        b1=(Button)findViewById(R.id.button);
        ed1=(EditText)findViewById(R.id.editText);

        wv1=(WebView)findViewById(R.id.webView);
        wv1.setWebViewClient(new MyBrowser());

        b1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String url = ed1.getText().toString();

                wv1.getSettings().setLoadsImagesAutomatically(true);
                wv1.getSettings().setJavaScriptEnabled(true);
                wv1.setScrollBarStyle(View.SCROLLBARS_INSIDE_OVERLAY);
                wv1.loadUrl(url);
            }
        });
```

17IT110

```
    }

    private class MyBrowser extends WebViewClient {
        @Override
        public boolean shouldOverrideUrlLoading(WebView view, String url) {
            view.loadUrl(url);
            return true;
        }
    }
}
```

Output

Conclusion

We have successfully completed an application with the help of webview.

17IT110