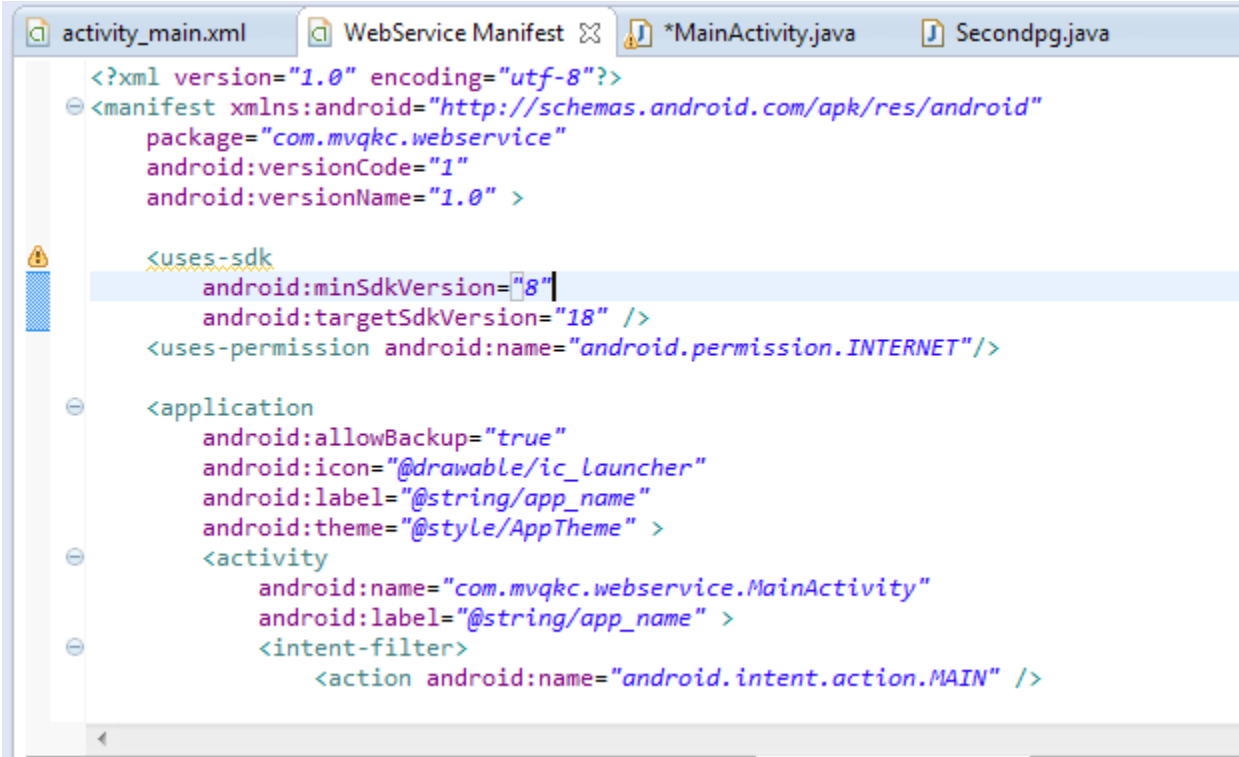


Task 2: Creating android service application

Step 1: Create a new project and edit java file, layout file and manifest file

Adding internet permission in manifest file:



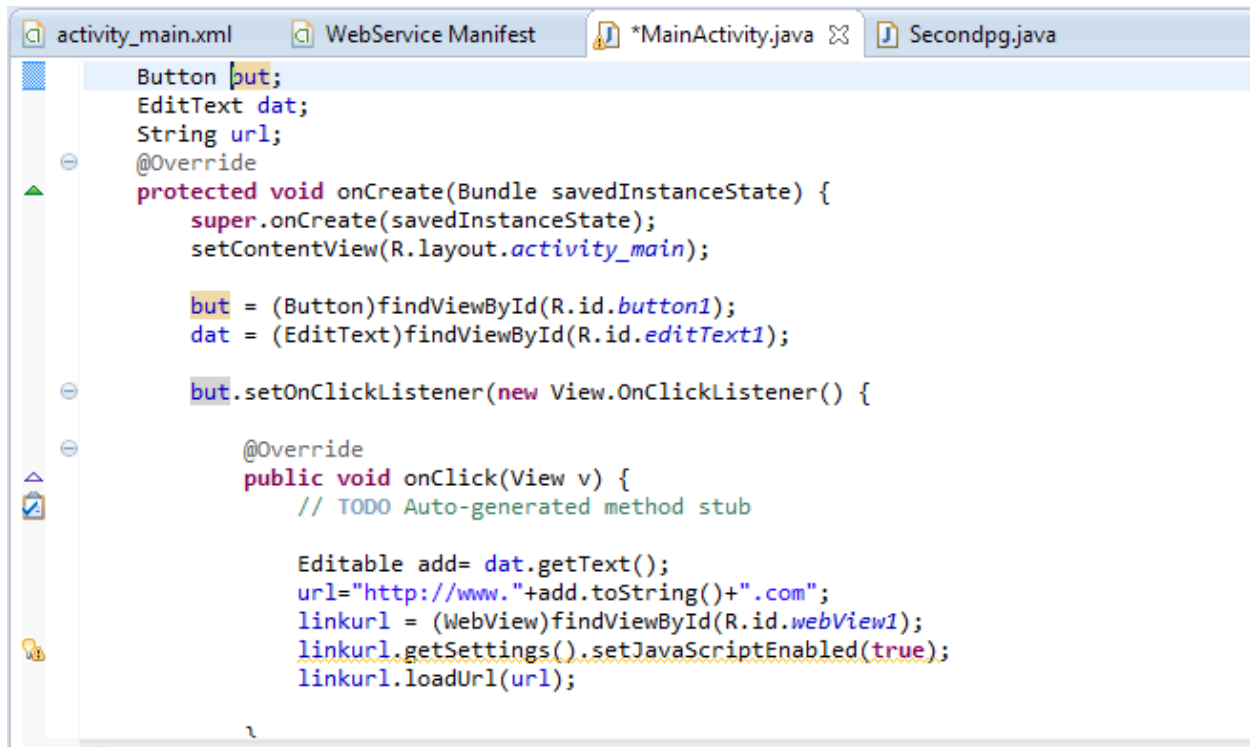
```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.mvqkc.webservice"
    android:versionCode="1"
    android:versionName="1.0" >

    <uses-sdk
        android:minSdkVersion="8"
        android:targetSdkVersion="18" />

    <uses-permission android:name="android.permission.INTERNET"/>

    <application
        android:allowBackup="true"
        android:icon="@drawable/ic_launcher"
        android:label="@string/app_name"
        android:theme="@style/AppTheme" >
        <activity
            android:name="com.mvqkc.webservice.MainActivity"
            android:label="@string/app_name" >
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

Defining java file for dynamic behavior:



```
activity_main.xml | WebService Manifest | *MainActivity.java | Secondpg.java
Button but;
EditText dat;
String url;
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

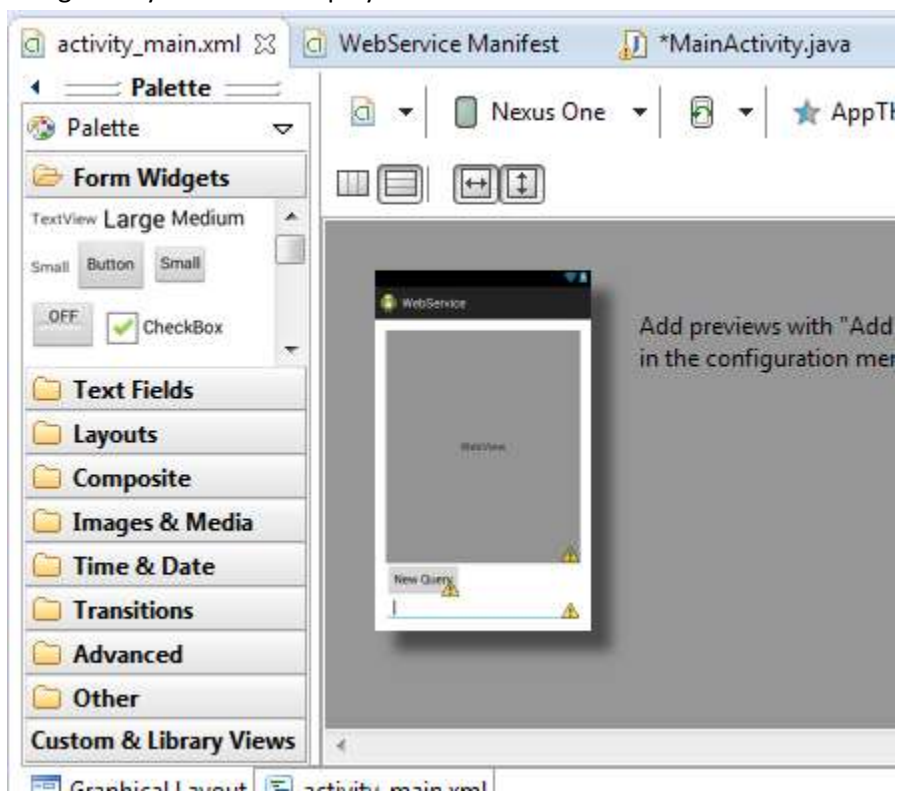
    but = (Button)findViewById(R.id.button1);
    dat = (EditText)findViewById(R.id.editText1);

    but.setOnClickListener(new View.OnClickListener() {

        @Override
        public void onClick(View v) {
            // TODO Auto-generated method stub

            Editable add= dat.getText();
            url="http://www."+add.toString()+".com";
            linkurl = (WebView)findViewById(R.id.webView1);
            linkurl.getSettings().setJavaScriptEnabled(true);
            linkurl.loadUrl(url);
        }
    });
}
```

Design of layout for the display:



Running application on android emulator



Application running first view:



After entering Student in and click new query in localhost of cloudera where we stored data the response:

