**CALENDAR PLUGIN FOR PHONEGAP**

**Objective:**

This is a basic plugin which creates an event to the user's local calendar.

This plugin is compatible with **PhoneGap 2.8.1.**

**Supported Platforms:**

Android 4.0.3, 4.1.2, 4.2.

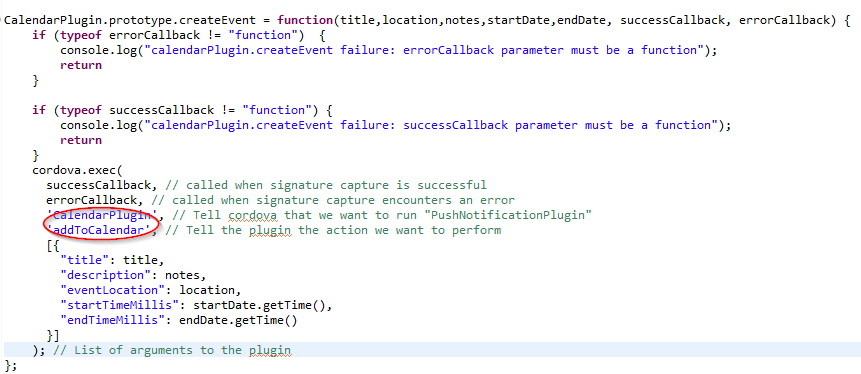
**Android Quirks:**

Not supported in Android 2.3.3 because the Calendar API was introduced in Android version 4.0 onwards.

**Methods:**

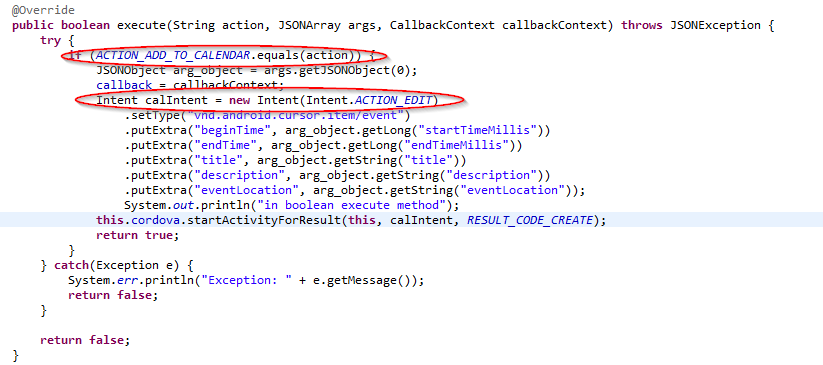
createEvent:

CalendarPlugin.prototype.createEvent = function(title,location,notes,startDate,endDate, successCallback, errorCallback) {……}



This is basically a js call from calendar.js to the execute method in CalendarPlugin.java file with action specified as *addtoCalendar.*

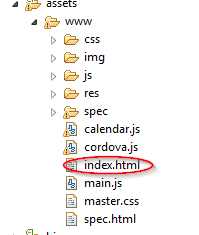
If the action is *addtoCalendar* then it will launch an androidintent to load the device calendar with some default values specified.

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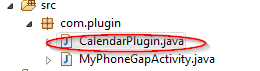
**Adding the plugin to your project:**

1) To install the plugin, add calendar.js to your index.html and to your www folder:

<script type="text/javascript" src="calendar.js"></script>

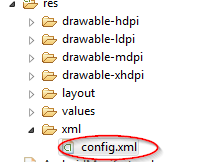


2) Add CalendarPlugin.java to your Android project in com/yourpackagename/CalendarPlugin.java



3) Map the plugin in res/xml/config.xml:

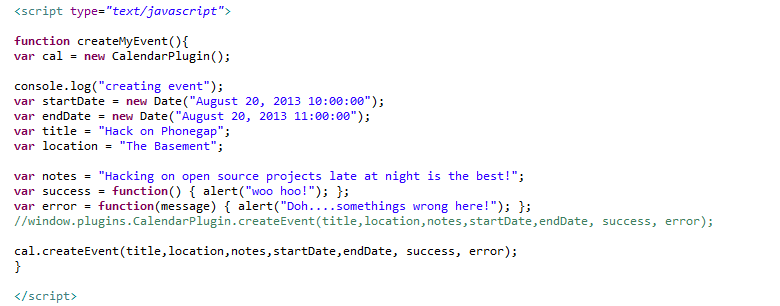
<plugin name="CalendarPlugin" value="com.yourpackagename.CalendarPlugin"/>

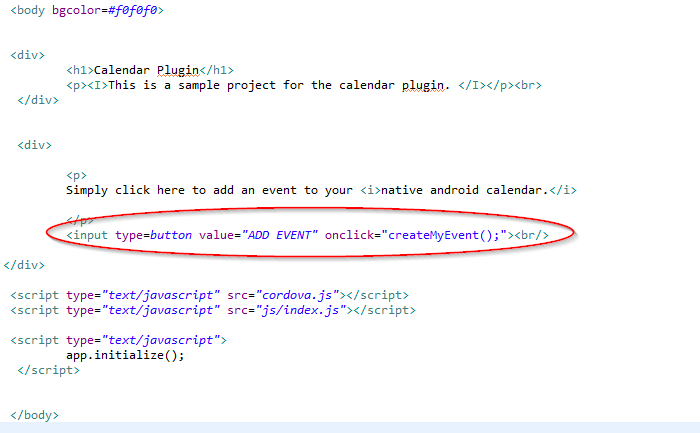




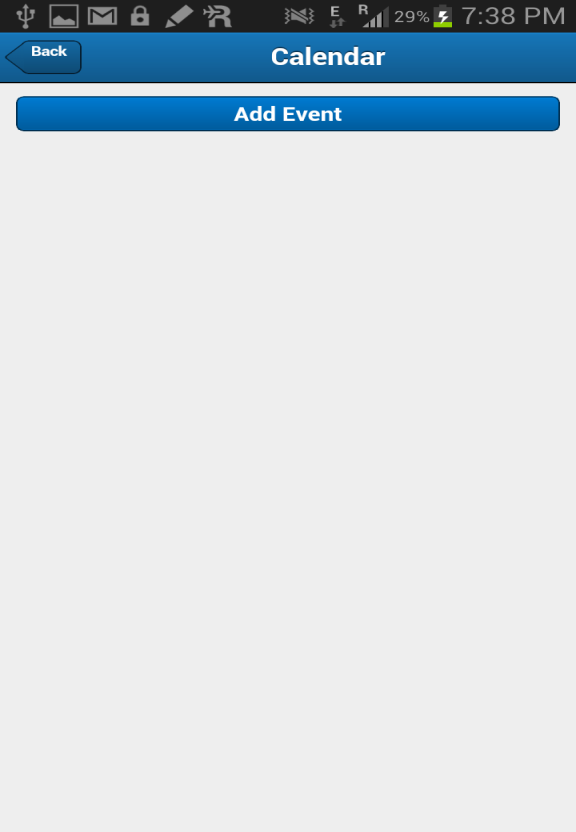
**Usage:**

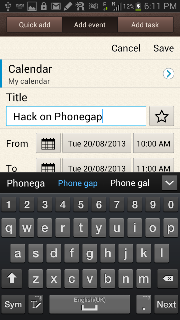
Create an object to be used to call the defined plugin methods(createEvent) in *index.html* on the event of clicking a button as shown:





**Output on device :**

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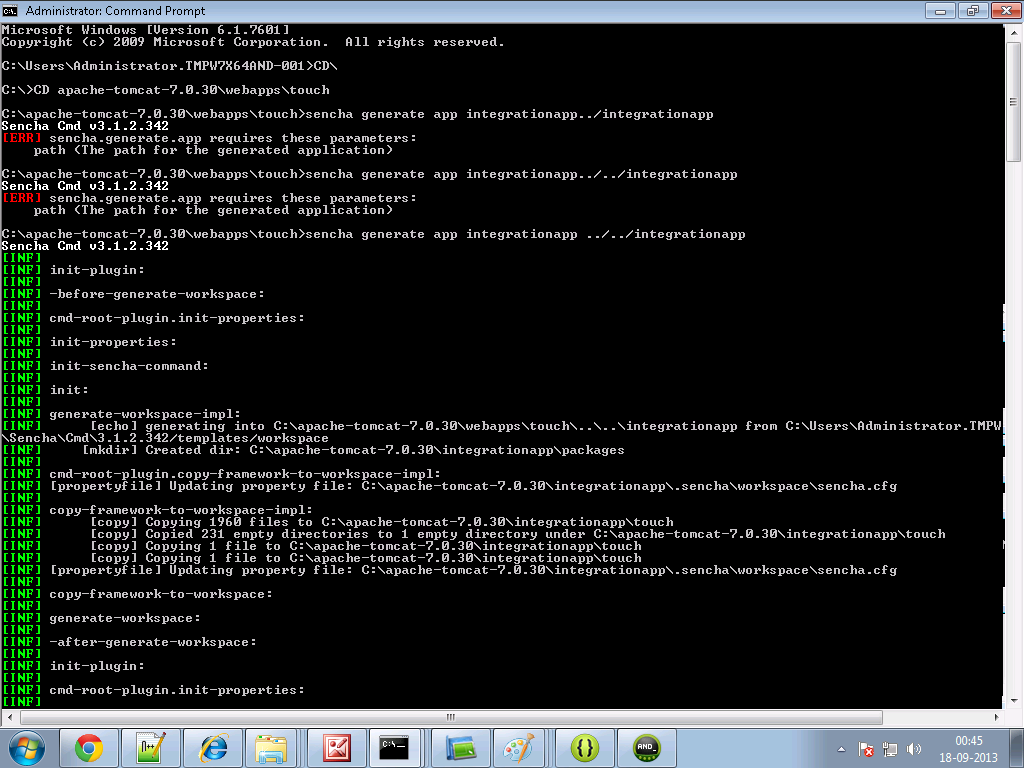
**Part2.**

**Creating Calendar Plugin with sencha and Integrating with eclipse**

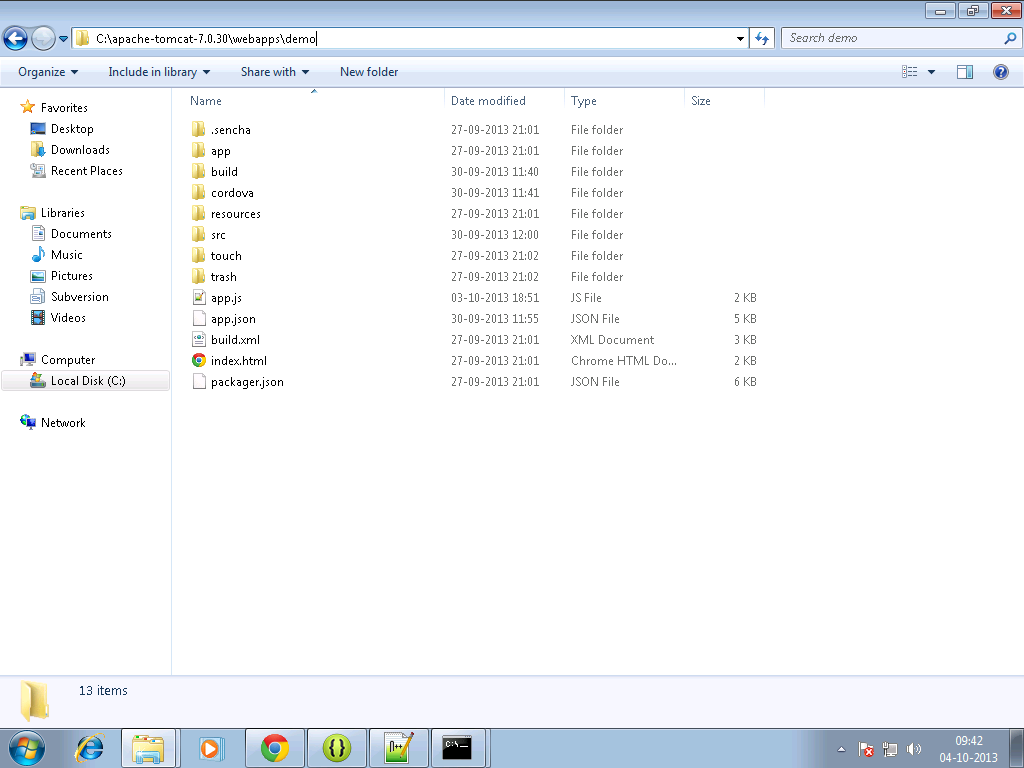
**Steps for calendar plugin functionality**

1. **create a new application with the help of following command in cmd:**

**C:\apache-tomcat-7.0.30\webapps\touch>** **sencha generate app <appname> ../<appname>**

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**2.Create a folder and name it as cordova in your sencha <appname> directory. For example**



**3.Copy the cordova.js ,cordova.js\_android, cordova.js\_ios and cordova.js\_plugins and calender.js in that folder.**

**4. Make an entry in the js tag of app.json file residing in your<appname> directory as follows:**

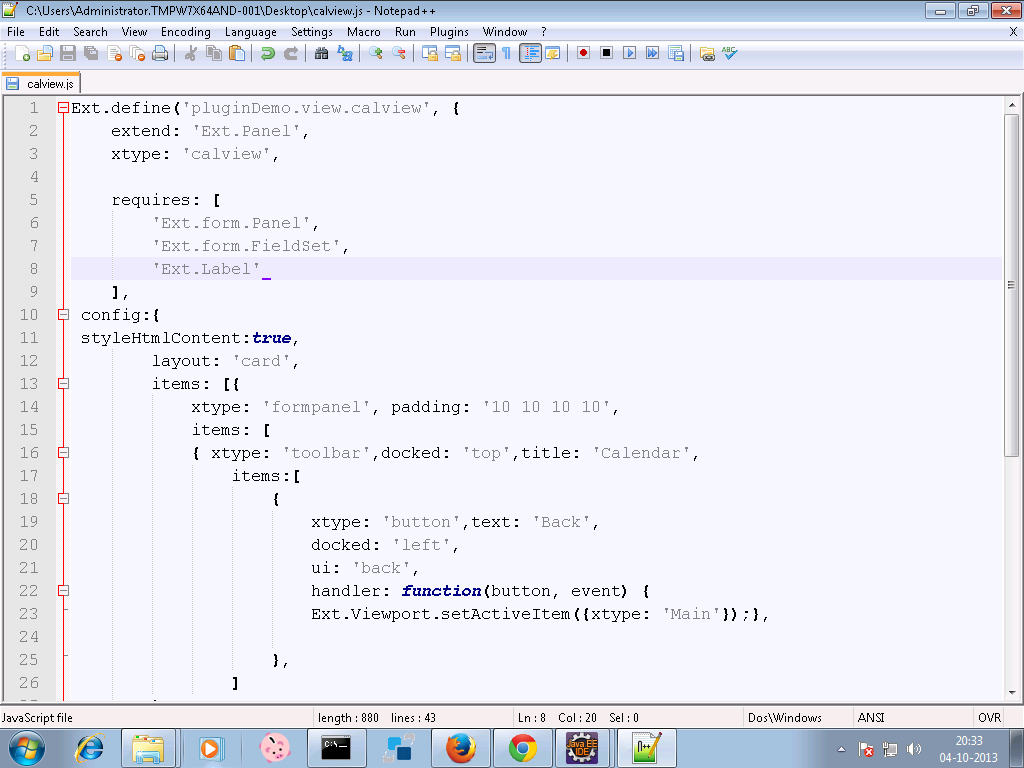
js": [  
  {  
            "path": "cordova/cordova.js",  
            "update": "delta"  
        },

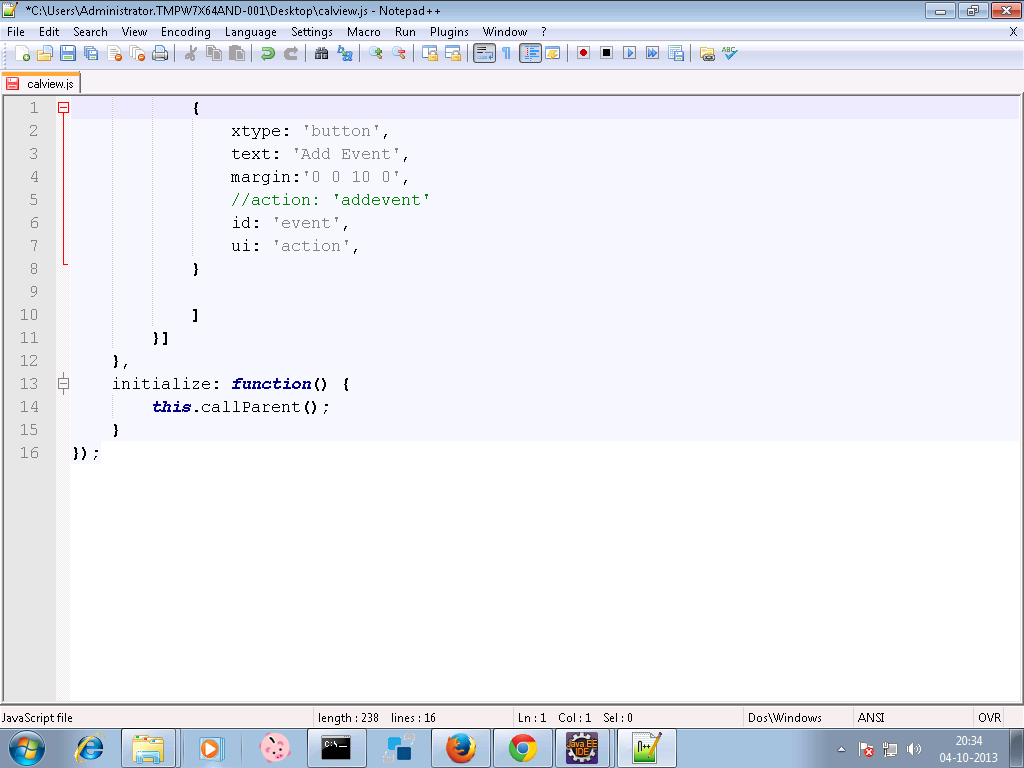
{  
            "path": "cordova/calendar.js",  
            "update": "delta"

]

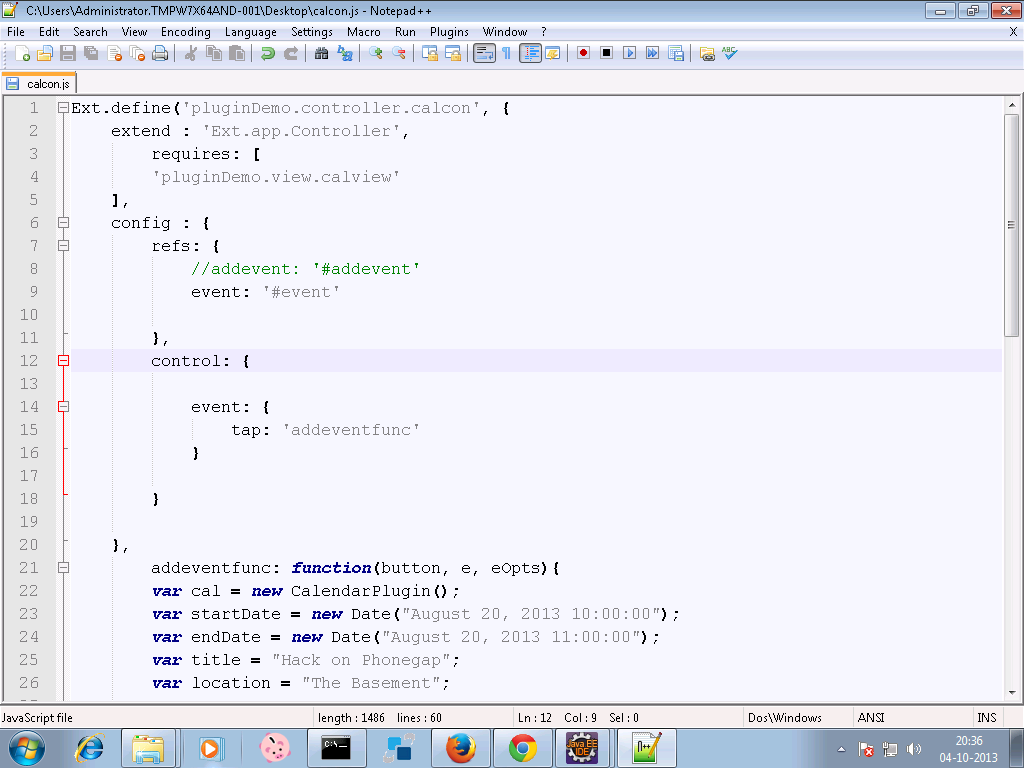
1. **Write the sencha code for view and controller in your sencha <appname>.**

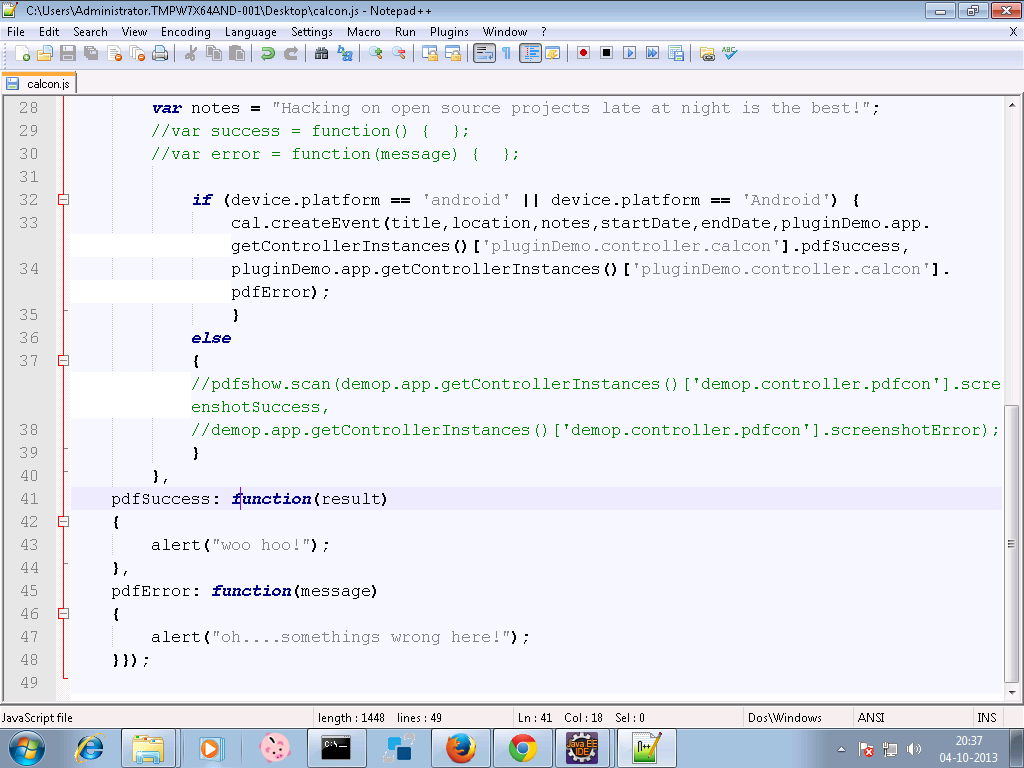
**Calview.js**



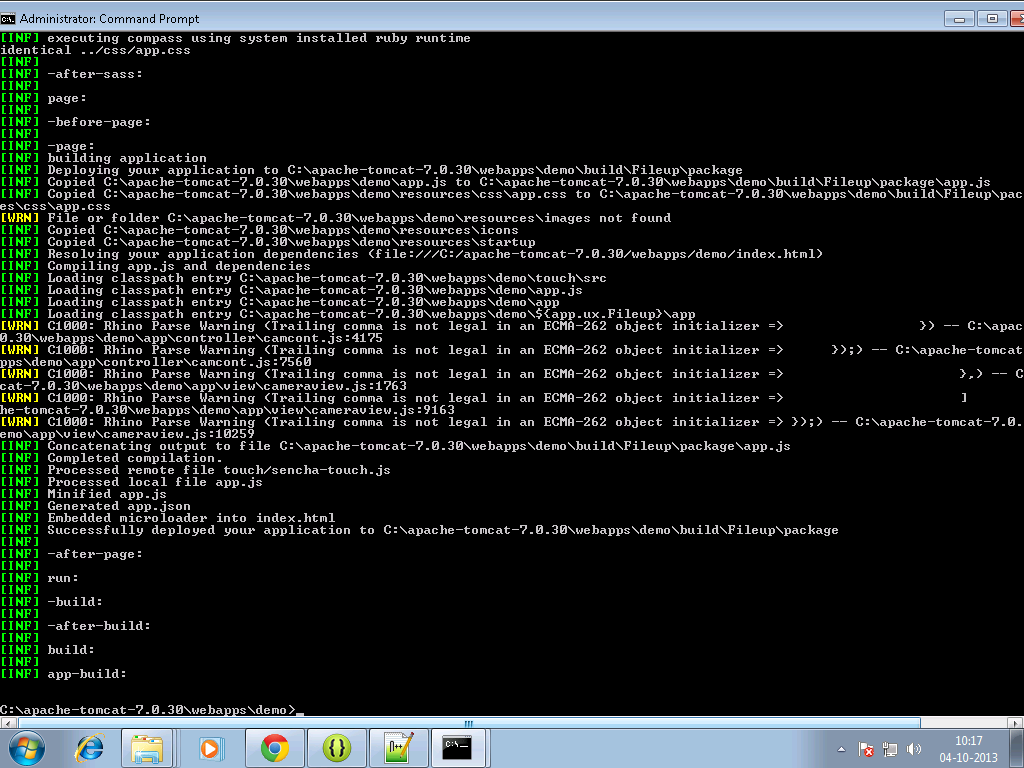


**calcon.js**

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1. **In command prompt go to your sencha <appname> directory first, then Build the package of your sencha app by typing the following command :**
2. **Sencha app build package**

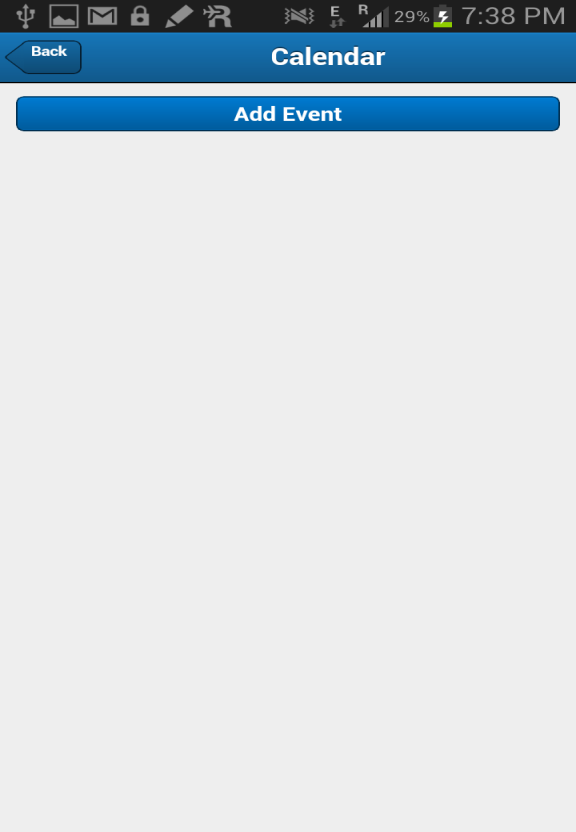
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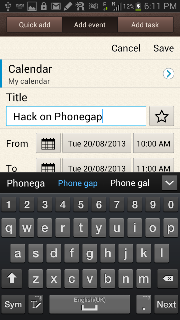
**7. Move to your sench<app> directory ,there a build folder will get created.**

**8. Copy files from package folder under <sencha appname>/build/ sencha < appname> to your www folder of android project for example:**

**C:\temp\TempAndroid\assets\www**

**9. build it - > apk will be in bin folder**

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