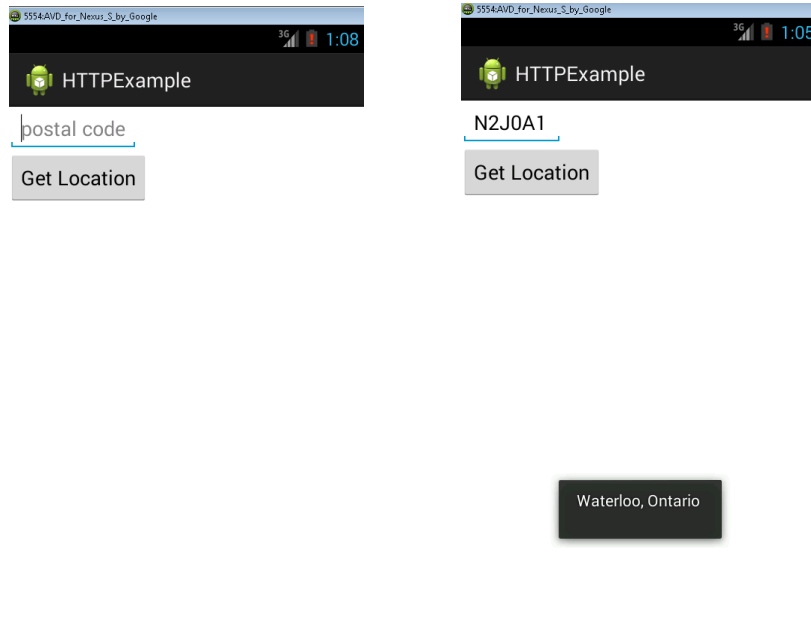**CP400Q: Android Application Programming**
Winter 2014
Assignment 5

Due: Friday March 7, 11:30 PM

For this assignment, you will make an app that accepts a Canadian postal code from the user, makes an http request to a server, and returns the city and province of that postal code. The app displays the server's return with a Toast object. See figures below.

UI requirements: there is an EditText field for the user to enter the postal code, the hint of the EditText is "postal code". There is a Button "Get Location". When the user clicks on the button, the app makes an http request to a server (specified below) on hopper to retrieve the city and province. The http request has the form:

http://hopper.wlu.ca/~choang/iPhone/http/getLocationFromFile.php?zip=N2J0A1

The last six characters of the http request are the input entered by the user. For more information, read class note #12 (Networking) and chapter 26 of the text.

Testing: Try to anticipate unusual use cases such as, empty TextField, and clicking on the button twice (are the locations reset properly?). Test your app on the following postal codes: H7A4B6, A1Y1A4, B3K5L8, V3K3V9, N2J0A1, N2T2J8.