

FIT2081 Mobile application development - S1 2021

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Question 1

Complete

Mark 10.00 out of 10.00

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Question 1

Q1 - a) What should you use to transform a LatLong point into a street address.

Reverse geocoding should be done in a geocoder instance's `getFromLocation` method to translate the LatLong value to an address. Reverse geocoding is the process of transforming a (latitude, longitude) coordinate into a (partial) address.

Comment:

(Q1=100% Q2=100% Q3=100%)

Question 2

Complete

Not graded

Question 2

b) What permission does WebView require to work and where to place it?

Before WebView requires to works, this app must have access to the Internet. To get internet access, request the INTERNET permission in the manifest file.

To add a webview to the app in an activity's onCreate() method. Set up the WebView to allow permission and load HTML with loadUrl():

```
WebView myWebView = (WebView) findViewById(R.id.webview);  
myWebView.loadurl(" ");
```

Question 3

Complete

Not graded

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Question 3

Q2- a) How can an input parameter be accessed in doInBackground?

After it is passed into doInBackground, the parameter behaves like an array, so the index is used to access the input parameter (for example, String selectedCountry = params[0])

b) When and on what thread does doInBackground execute?

After execute() is called and on the background thread.

c) When and on what thread does onPostExecute execute?

After doInBackground finishes and on the main UI thread.

Question 4

Complete

Not graded

Question 4

Q3 - a) Briefly explain the role of the statement at line 2 in the following piece of code.

In line 2 the setWebViewClient plays a very important role which is to set the webViewClient which will receive all the requests and notifications made by the different applications installed on the Android phone.

b) What will happen if you delete it?

If delete the line then the default handler will be used to receive the requests and notifications which is not as efficient. This webpage is not available in this app or Android system.

Question **5**

Not answered

Not graded

Question 5

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