Feedback — Week 8 Quiz

Thank you. Your submission for this quiz was received.

You submitted this quiz on **Fri 21 Mar 2014 7:09 PM PDT**. You got a score of **15.00** out of **15.00**.

Question 1

(True or False) SharedPreferences objects can be used to store information other than user-customizable settings.

Your Answer		Score	Explanation
◉True.	✔	1.00	
○False.			
Total		1.00 / 1.00	

Question 2

In the DataManagementPreferenceFragment application, Android invokes a method when the user changes the username preference. The code in this method then updates the display with the new username. What method does Android call?

You entered:

```
onSharedPreferenceChanged()
```

Your Answer		Score	Explanation
onSharedPreferenceChanged()	✔	1.00	
Total		1.00 / 1.00	

Question 3

In the DataManagementFileInternalMemory application, which method was called to open the file from which the application reads the text to display? Give your answer in the form "ClassName.MethodName".

You entered:

Context.openFileInput

Your Answer		Score	Explanation
Context.openFileInput	✔	1.00	
Total		1.00 / 1.00	

Question 4

If your application wants to write to external memory, it should determine whether that external storage is available by calling the Environment.getExternalStorageState() method. What constant value will this method return if external storage is mounted and available for writing?

You entered:

MEDIA_MOUNTED

Your Answer		Score	Explanation
MEDIA_MOUNTED	✔	1.00	
Total		1.00 / 1.00	

Question 5

The DataManagementSQL example application called the delete(String table, String whereClause, String[] whereArgs) method. This method takes 3 parameters. Which one of the following statements correctly describes the purpose of the 2nd parameter? See http://developer.android.com/reference/android/database/sqlite/SQLiteDatabase.html for more

documentation.

Your Answer	Score	Explanation
○ It gives the location of the database.		
○ It provides specific values for parameters to an SQL WHERE clause.		
◉ It helps to determine which rows to extract from the database.	✔ 1.00	
○ It names the specific database table from where to extract data.		
Total	1.00 / 1.00	

Question 6

A "content:" schemed URI is a URI that identifies a data set managed by a ContentProvider.

Content URIs include an authority section. What is the meaning of this section?

Your Answer	Score	Explanation
○ It specifies an access permission.		
○ It identifies a specific record within the ContentProvider.		
◉ It specifies a symbolic name for the ContentProvider.	✔ 1.00	
○ It identifies the network address of the server hosting the ContentProvider.		
Total	1.00 / 1.00	

Question 7

The CursorAdapter used in the ContentProviderWithCursorAdapter application defines a newView() method and a bindView() method. In practice, bindView() may be called more times than the newView() method. Why? For more information see:

http://developer.android.com/reference/android/widget/CursorAdapter.html#getView(int, android.view.View, android.view.ViewGroup)

Your Answer	Score	Explanation
○ Because newView() will not be invoked when the layout is defined using an XML layout file.		
○ Because bindView() caches old results.		
⦿ Because if a View already exists, the CursorAdapter can reuse it in bindView().	✔ 1.00	
○ Because bindView() is called twice for every call to newView().		
Total	1.00 / 1.00	

Question 8

Why did the ContentProviderWithCursorLoader pass an empty cursor to a list adapter in the ContactsListExample.onCreate() method?

Your Answer	Score	Explanation
⦿ This application uses a CursorLoader to load it's data. In onCreate() it has no data to display.	✔ 1.00	
○ This application has no data to display.		
○ The onCreate() method does not create an empty adapter.		
○ All applications initially create empty adapters.		
Total	1.00 / 1.00	

Question 9

The ContentProviderCustomUser application uses a variable of the ContentValues type when it inserts records into a ContentProvider. Which of the following statements explain how individual

database columns are identified within the ContentValues object?

Your Answer	Score	Explanation
☑The key names passed to a ContentValues object correspond to columns defined in the ContentProvider.	✔ 0.25	
☐Columns are specified with Intent extras.	✔ 0.25	
☑ContentValues has methods for adding key/value pairs.	✔ 0.25	
☐ContentValues don't correspond to database columns.	✔ 0.25	
Total	1.00 / 1.00	

Question 10

(True or False) ContentProviders must be implemented as SQLite databases.

Your Answer	Score	Explanation
◯True.		
◉False.	✔ 1.00	
Total	1.00 / 1.00	

Question 11

(True or False) The Service class provides a user interface.

Your Answer	Score	Explanation
◯True.		
◉False.	✔ 1.00	
Total	1.00 / 1.00	

Question 12

When is the ServiceConnection.onServiceConnected() method called?

Your Answer		Score	Explanation
⦿ After a component calls Context.bindService()	✔	1.00	
◯ After a component calls Context.startService().			
◯ After a BroadcastReceiver receives an Intent sent by a Service.			
◯ When a Service calls Context.startActivity(), thus starting up a client Activity.			
Total		1.00 / 1.00	

Question 13

The Service.stopSelf(int startid) method takes an integer parameter. What is that integer parameter used for?

Your Answer		Score	Explanation
◯ It is used to stop the Service if the Service is running in a process id with process id (PID) equal to startId.			
◯ If the startid is non-zero (true), then unconditionally, stop the Service.			
◯ It indicates a delay in milliseconds before the Service is shut down.			
⦿ If the last time the Service was started it was started with the id, startId, then stopSelf() terminates the Service.	✔	1.00	
Total		1.00 / 1.00	

Question 14

(True or False) The Messenger class can deliver Messages across process boundaries.

Your Answer	Score	Explanation
⦿True.	✔	1.00
◯False.		
Total	1.00 / 1.00	

Question 15

The Android development team urges developers to use the Messenger class, rather than using AIDL, for communicating between client components and Services. When would using Messengers not be sufficient?

Your Answer	Score	Explanation
⦿When the Service must be accessed concurrently by multiple client components.	✔	1.00
◯When the Service is running on a pre-Anrdoid 2.3 device.		
◯When the Service is running in a different process than the client component.		
◯When the Service runs in the main thread of its application.		
Total		1.00 / 1.00