

## Feedback — Week 8 Quiz

[Help](#)

You submitted this quiz on **Mon 29 Dec 2014 1:39 PM PST**. You got a score of **15.00** out of **15.00**. However, you will not get credit for it, since it was submitted past the deadline.

### Question 1

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

Your Answer	Score	Explanation
<input checked="" type="radio"/> True.	✓ 1.00	
<input type="radio"/> 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:

onSharedPreferencesChanged

Your Answer	Score	Explanation
onSharedPreferencesChanged	✓ 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
<input type="radio"/> It gives the location of the database.		
<input type="radio"/> It names the specific database table from where to extract data.		
<input type="radio"/> It provides specific values for parameters to an SQL WHERE clause.		
<input checked="" type="radio"/> It helps to determine which rows to extract from the database.	✓ 1.00	
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
<input type="radio"/> It identifies the network address of the server hosting the ContentProvider.		
<input checked="" type="radio"/> It specifies a symbolic name for the ContentProvider.	✓ 1.00	
<input type="radio"/> It identifies a specific record within the ContentProvider.		
<input type="radio"/> It specifies an access permission.		

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

Your Answer	Score	Explanation
<input type="radio"/> Because <code>newView()</code> will not be invoked when the layout is defined using an XML layout file.		
<input type="radio"/> Because <code>bindView()</code> is called twice for every call to <code>newView()</code> .		
<input checked="" type="radio"/> Because if a View already exists, the CursorAdapter can reuse it in <code>bindView()</code> .	✓ 1.00	
<input type="radio"/> Because <code>bindView()</code> caches old results.		
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
<input type="radio"/> The <code>onCreate()</code> method does not create an empty adapter.		
<input type="radio"/> This application has no data to display.		

☒ This application uses a CursorLoader to load it's data. In onCreate() it has no data to display. ✓ 1.00

☐ 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
<input type="checkbox"/> ContentValues don't correspond to database columns.	✓ 0.25	
<input checked="" type="checkbox"/> ContentValues has methods for adding key/value pairs.	✓ 0.25	
<input type="checkbox"/> Columns are specified with Intent extras.	✓ 0.25	
<input checked="" type="checkbox"/> The key names passed to a ContentValues object correspond to columns defined in the ContentProvider.	✓ 0.25	
Total	1.00 / 1.00	

## Question 10

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

Your Answer	Score	Explanation
<input type="radio"/> True.		
<input checked="" type="radio"/> False.	✓ 1.00	
Total	1.00 / 1.00	

## Question 11

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

Your Answer	Score	Explanation
<input type="radio"/> True.		
<input checked="" type="radio"/> False.	✓ 1.00	
Total	1.00 / 1.00	

## Question 12

When is the `ServiceConnection.onServiceConnected()` method called?

Your Answer	Score	Explanation
<input type="radio"/> After a component calls <code>Context.startService()</code> .		
<input checked="" type="radio"/> After a component calls <code>Context.bindService()</code>	✓ 1.00	
<input type="radio"/> After a <code>BroadcastReceiver</code> receives an Intent sent by a Service.		
<input type="radio"/> When a Service calls <code>Context.startActivity()</code> , 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
<input checked="" type="radio"/> If the last time the Service was started it was started with the id, startId, then stopSelf() terminates the Service.	✓ 1.00	
<input type="radio"/> It is used to stop the Service if the Service is running in a process id with process id (PID) equal to startId.		
<input type="radio"/> It indicates a delay in milliseconds before the Service is shut down.		
<input type="radio"/> If the startId is non-zero (true), then unconditionally, stop the Service.		
Total	1.00 / 1.00	

## Question 14

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

Your Answer	Score	Explanation
<input checked="" type="radio"/> True.	✓ 1.00	
<input type="radio"/> 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
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☐ When the Service is running on a pre-Android 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.

☒ When the Service must be accessed concurrently by multiple client components. ✓ 1.00

Total 1.00 / 1.00