Feedback — Week 7 Quiz

You submitted this quiz on **Thu 25 Dec 2014 5:20 PM PST**. You got a score of **7.75** out of **8.00**. However, you will not get credit for it, since it was submitted past the deadline.

Question 1

When registering a Listener for SensorEvents, you can set the rate at which the Sensor returns its readings. Which of the following Sensor constants represents to the most frequent rate? See: http://developer.android.com/reference/android/hardware/SensorManager.html for more information.

Your Answer		Score	Explanation
○ SENSOR_DELAY_NORMAL.			
◉ SENSOR_DELAY_FASTEST.	✔	1.00	
○ SENSOR_DELAY_UI.			
○ SENSOR_DELAY_GAME.			
Total		1.00 / 1.00	

Question 2

SensorEvents have which of the following fields? See: http://developer.android.com/reference/android/hardware/SensorEvent.html for more documentation.

Your Answer		Score	Explanation
☑ A timestamp.	✔	0.25	

☑ Sensor-specific measurement values.	✔	0.25
☑ A measurement accuracy.	✔	0.25
☐ A sensor identifier.	✖	0.00
Total		0.75 / 1.00

Question 3

(True or False) High-pass filters are used when you want to emphasize the transient changes in a Sensor's readings, while deemphasizing the constant portions of the reading?

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

Question 4

Which of the following Sensor types did the SensorCompass application use?

Your Answer		Score	Explanation
☑ TYPE_ACCELEROMETER.	✔	0.25	
☐ TYPE_PRESSURE.	✔	0.25	
☐ TYPE_LINEAR_ACCELERATION.	✔	0.25	
☑ TYPE_MAGNETIC_FIELD.	✔	0.25	
Total		1.00 / 1.00	

Question 5

Which type of LocationProvider gets its readings from Global Positioning System satellites?

Your Answer		Score	Explanation
◯ PASSIVE_PROVIDER.			
◉ GPS_PROVIDER.	✔	1.00	
◯ NETWORK_PROVIDER.			
Total		1.00 / 1.00	

Question 6

Recently Android added an improved API for acquiring Location information via Google Play Services. I have created a new version of the LocationGetLocation application called LocationGetLocationServices. This application is in the source code repository for the class. Which LocationClient method is used in this new application to acquire the last known location reading?

You entered:

getLastLocation

Your Answer		Score	Explanation
getLastLocation	✔	1.00	
Total		1.00 / 1.00	

Question 7

Which class and method did the MapEarthQuakeMap application use in order to create a marker

pin for each earthquake? Give your answer in the form "ClassName.MethodName".

You entered:

GoogleMap.addMarker

Your Answer		Score	Explanation
GoogleMap.addMarker	✔	1.00	
Total		1.00 / 1.00	

Question 8

With the Google Maps Android API, you can change a map's zoom level by calling methods of the CameraUpdate class, such as zoomTo(float). At what zoom level would the width of the earth be roughly 1024dp? See: https://developers.google.com/maps/documentation/android/views#zoom for more documentation.

Your Answer		Score	Explanation
○ 8			
◉ 2	✔	1.00	
○ 4			
○ 0			
Total		1.00 / 1.00	