Midterm Module C

Due Mar 23 at 11:59pm Points 20 Questions 20
Time Limit 30 Minutes

Instructions

This midterm covers BNR chapters 1-12. It may also have question from the CriminalIntent slides created by Dr. K.

Many questions relate to how GeoQuiz (similar to MultiQuiz) and CriminalIntent (similar to DreamCatcher) are implemented. Also, make sure you have a good understanding of the life-cycle functions before you take this.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	30 minutes	16 out of 20

Score for this quiz: **16** out of 20 Submitted Mar 19 at 7:43pm This attempt took 30 minutes.

Question 1	1 / 1 pts
In constraint-layout, if you want a widget to be centered betwee and right edges of the screen, you should	n the left
oconstrain it to the right edge of the screen	
oconstrain it to the top of the screen	
onot put any constraints on it	
oconstrain it to the left and right edges of the screen	

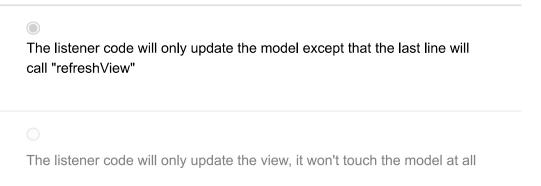
Correct!

	Question 2	1 / 1 pts
	Every View object should have a listener created for it.	
	○ True	
Correct!	False	
[

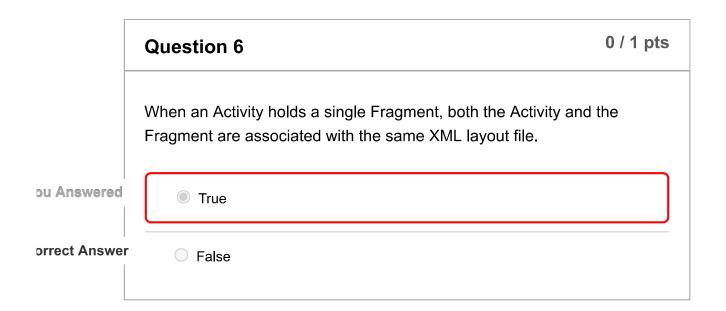
	Question 3	1 / 1 pts
	Calling executor.execute creates a new background thread.	
Correct!	True	
	○ False	

Suppose you want to cleanly separate the view from the model by implementing a method in your Activity called "refreshView" that completely refreshes the entire view based on values in the model. What should the code one of your listeners look like? The listener code will update both the view and the model equally The listener code will only update the model, it won't touch the view at all

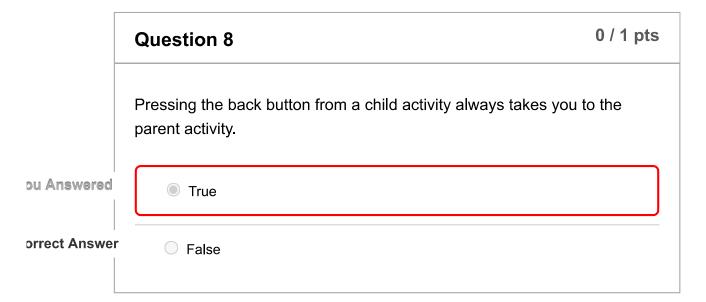
Correct!



Where should listeners for checkboxes be set up? onAttach onCreate onCreateView onStart

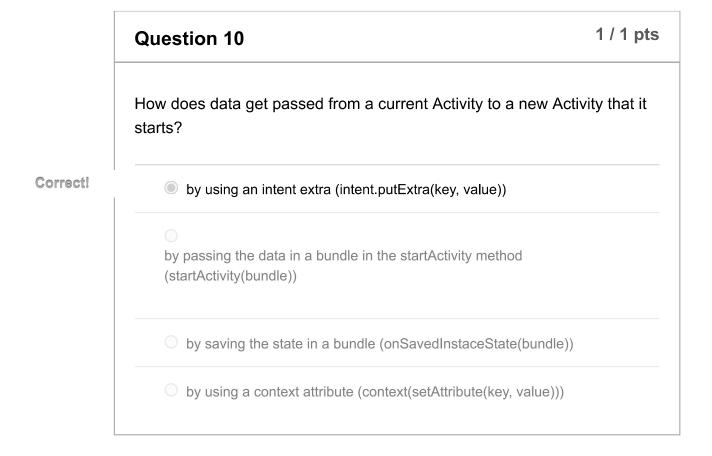


	Question 7	1 / 1 pts
	The android:layout_width and android:layout_height attributes a required for almost every type of widget. They are typically set t	
	a fixed integer in px	
	o min or max	
	a fixed integer in dp	
Correct!	match_parent or wrap_content	
Correct!	match_parent or wrap_content	



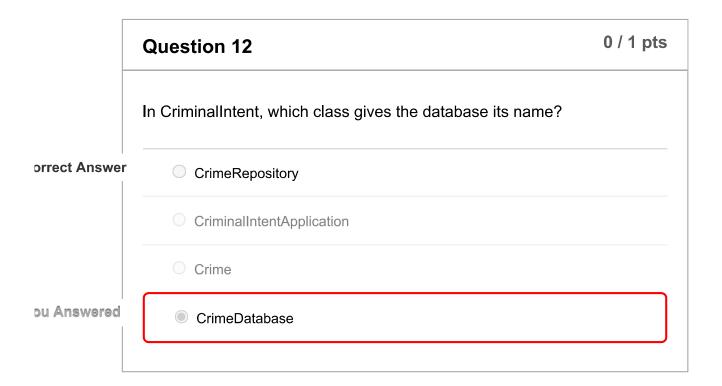
Question 9 1/1 pts In the CriminalIntent application from BNR, where are the CrimeAdapter and CrimeHolder classes located?

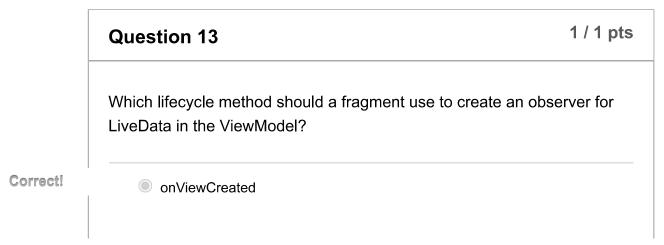
	CrimeHolder is an inner class of CrimeAdapter, and CrimeAdapter is a separate class in the same package as CrimeListFragment
	CrimeHolder and CrimeAdapter are separate classes in the same package as CrimeListFragment
	CrimeHolder and CrimeAdapter are separate classes in a different package then CrimeListFragment
Correct!	They are inner classes of CrimeListFragment They are inner classes of CrimeListFragment



Question 11 1 / 1 pts

	When you rotate an Android device, what callbacks are invoked on the current Activity?
	O onPause only
	onone, the activity continues as normal
	onPause and onStop only
Correct!	onPause, onStop, and onDestroy





O onCreate	
O onStart	
○ onCreateView	

Consider the following line of code inside of a fragment that uses a recycler view. | binding.myRecyclerView.layoutManager = LinearLayoutManager(context) | | What does "myRecyclerView" refer to? | The view with ID "my_recycler_view" inside the fragment's layout | | The view with ID "myRecyclerView" inside the fragment's layout | | The view field "myRecyclerView" inside the fragment | | The view field "myRecyclerView" inside the recycler-view's adapter |

	Question 15	0 / 1 pts
	The only SQL commands permitted as parameters to a @Query annotation are query commands (SQL "SELECT" statements)	
ou Answered	True	
orrect Answer	○ False	

Question 16	1 / 1 pts
Consider the following variable and its initialization in CrimeDetailViewModel:	
<pre>var crimeLiveData: LiveData<crime?> = Transformations.switchMap(crimeIdLiveData) { crimeId -> crimeRepository.getCrime(crimeId) }</crime?></pre>	
What is the type of crimeIdLiveData?	
MutableLiveData <crime?></crime?>	
MutableLiveData <uuid></uuid>	
O onPauseLiveData <uuid></uuid>	
CiveData <crime?></crime?>	
	Consider the following variable and its initialization in CrimeDetailViewModel: var crimeLiveData: LiveData <crime?> = Transformations.switchMap(crimeIdLiveData) { crimeId -> crimeRepository.getCrime(crimeId) } What is the type of crimeIdLiveData? MutableLiveData<crime?> MutableLiveData<uuid> onPauseLiveData<uuid></uuid></uuid></crime?></crime?>

	Question 17	1 pts
	By convention, most fragments have this method in their companion object.	
Correct!	newInstance	
	newIntent	
	○ onViewCreated	
	○ updateUI	

_	Question 18	1 / 1 pts
	Which of the following is NOT a responsibility of an Adapter in RecyclerView?	
	creating ViewHolders	
	reporting the number of list items	
	binding a ViewHolder to data from the model	
Correct!	displaying a list of Views in the UI	

What attribute would you use for a LinearLayout that required two buttons next to each other (a left button and a right button)? android:orientation="width" android:orientation="vertical" android:orientation="height" android:orientation="horizontal"

Question 20 1 / 1 pts

CrimeRepository is a singleton class.

Quiz Score: 16 out of 20