

Architecture components


Let's do a quick test! You must answer at least 5 questions correctly to pass this quiz.




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1. Which of the following are reasons to use a ViewModel?

Choose as many answers as you see fit.

☒ A ViewModel and its data can survive orientation changes in an Activity/Fragment.  **Correct!**


☒ A ViewModel allows you to separate code that updates the UI from code that doesn't need to rely on the UI or its lifecycle.  **Correct!**

☐ A ViewModel prevents your data from updating the UI automatically.

2. A ViewModel is destroyed after which of the following ?

☐ always after `onStop`

☐ always after `onDestroy`

☒ after `onDestroy` , if it not a configuration change  **Correct!**

3. True or False: You should execute time-consuming tasks and I/O requests in your Activity/Fragment.

☐ True


☒ False  **Correct!**

4. Why should you initialize and store LiveData in your ViewModel instead of a UI Controller?

☐ Both the ViewModel and LiveData are lifecycle aware.

☐ To ensure that the LiveData isn't destroyed when the UI Controller is destroyed.

☐ To hide or separate implementation details making your app more flexible.

☒ All of the above  **Correct!**

5. `observe` allows you to do which of the following for changes?

☒ a LiveData object  **Correct!**

☐ any mutable object

☐ any property in a ViewModel

☐ any property in a ViewModel or LiveData object

6. True or False: It's OK for a ViewModel to directly reference a `View` or `LifecycleOwner` class.

☐ True

☒ False  **Correct!**

Results

You scored **6 out of 6**. Congratulations! You have passed this quiz.

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