

## IN-LECTURE QUESTIONS FOR VIDEO 4.4

Note: See the answer key at the bottom of this file.

1. The opposite of asynchronous is:
  - a. Synchronous (happens one after another; ordered in time)
  - b. A state diagram
2. Asynchronous means:
  - a. Requires exclusive access to a data bus
  - b. Can run at the same time; does not wait for it to complete
3. In which of the following MediaPlayer states can you call seekTo? Check all that apply.
  - a. Started
  - b. Paused
  - c. Stopped
4. To restart a stopped media player:
  - a. Call start()
  - b. Call prepare() then start()
5. To restart a paused media player:
  - a. Call start()
  - b. Call prepare() then start()
6. The difference between prepareAsync() and prepare() is:
  - a. Both prepare() and prepareAsync () ask the MediaPlayer to get ready but prepareAsync() does not wait for it to be ready.
  - b. The method prepareAsync() should only be used to play music from boy bands.
7. True or False? The MediaPlayer provides "callbacks" so you can create code to respond to changes in the MediaPlayer's state.
  - a. True
  - b. False
8. Write the missing Java code to construct a new MediaPlayer that is prepared and ready to start. (Short answer question)

MediaPlayer. \_\_\_\_\_ (this, R.raw.music);

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**ANSWER KEY:**

1. a
2. b
3. a, b
4. b
5. a
6. a
7. a
8. create