Quiz – Async Programming

1. What is a timer?
   a. The time it takes for you to write your code
   b. A callback in memory, one time or periodic
   c. Code that calls itself
   d. Periodic garbage collection

   Answer: b

2. What is a Future?
   a. The promise of a value
   b. The value from a function
   c. Async code
   d. Sync code

   Answer: a

3. What does the keyword 'await' do?
   a. Looks the thread in memory
   b. Deadlocks an application
   c. Waits for the value from a Future
   d. Forces a Future to return a value

   Answer: c

4. What does adding the 'async' keyword to a function do?
   a. Makes it go faster
   b. Pushes it to a new thread
   c. Pools the threads in memory
   d. Allows async code to execute in the function

   Answer: d