Week 2 Quiz

1. What is a difference between clients and servers on the Internet?

    a. Servers initiate requests for service
    b. Clients initiate requests for service
    c. Only servers can receive data
    d. Only clients can send data

2. What Python function is used to perform a DNS lookup?

    a. getipaddress()
    b. dnslookup()
    c. gethostbyname()
    d. nslookup

3. What Python function is used by the client to establish a connection between sockets?

    a. bind()
    b. connect()
    c. recv()
    d. join()

4. The recv() function performs a non-blocking wait, by default.

    a. True
    b. False

5. When is the code inside an except clause executed?

    a. When any code before the except clause causes an appropriate exception
    b. When any error occurs during execution
    c. When code inside the associated try clause causes an appropriate exception
    d. Whenever the code inside the associated try clause is executed

6. Binding a socket on the server-side requires what information?

    a. The IP address of the client
    b. The MAC address of the server
    c. The port number for communication
    d. The duration of the requested communication

7. What is a "live" server?

    a.   A server that is computationally complex
    b.   A server that is also a client
    c.   A server that serves many requests over a long time
    d.   A server that starts at boot time

8. Sockets can be used to communicate between two Raspberry Pis.

    a.   True
    b.   False