

Q25 Results for Mualla Argin

Score for this attempt: **5** out of 5

Submitted Apr 10 at 3:12pm

This attempt took 3 minutes.

Question 1

1 / 1 pts

The addrinfo struct contains a field called ai_socktype. What value for this field is used for establishing a TCP connection?

- ☐ SOCK_INET
- ☐ SOCK_DGRAM
- ☐ SOCK_INET6
- ☒ SOCK_STREAM

Correct!

Question 2

1 / 1 pts

When a server sets up its TCP connection, it must make all of the following calls **except**:

- ☐ Bind()
- ☒ Connect()
- ☐ Listen()
- ☐ Socket()

Correct!

Question 3**1 / 1 pts**

True or False: The Port number of a socket will tell you whether it is running TCP or UDP.

☐ True☒ False**Correct!****Question 4****1 / 1 pts**

What does the function bind() do?

☐

Creates a endpoint for networking communication and returns a network descriptor

☐

Specifies the queue size for the number of incoming, unhandled connections

☒

Associates an abstract socket with an actual network interface and port

☐

Blocks and only returns when a new client connects, returning a new file descriptor

Correct!**Question 5****1 / 1 pts**

What does the function getaddrinfo() do?

Correct!



Converts human-readable text strings representing hostnames or IP addresses into a dynamically allocated linked list of struct addrinfo structures



Translates a short integer from host byte order to network byte order



Translates a short integer from network byte order into a host byte order



Associates a socket with a port on your local machine

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