CSCI 3303 Networking Data Communication

Homework Assignment 7

Due Date: Midnight Oct. 31, 2021

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1. In computer networking, \_\_\_\_\_\_**Socket**\_\_\_\_\_\_\_\_\_\_\_ is a software structure that serves as an endpoint for sending and receiving data, and, also, is bound to port number so that the TCP layer can identify the application that data is destined to be sent to.
2. Which methods are commonly used in Server Socket class? \_\_\_\_\_**B.**\_\_\_\_\_  
   a) Public Output Stream get Output Stream ()  
   **b) Public Socket accept ()**c) Public synchronized void close ()  
   d) Public void connect ()
3. The client in socket programming must know which information? \_\_\_**C.**\_\_\_\_\_\_\_  
   a) IP address of Server  
   b) Port number  
   **c) Both IP address of Server & Port number**d) Only its own IP address
4. In Java, an IP address is defined as an object, the instance of \_\_\_\_ **A.**\_\_\_\_\_ class.

a) InetAddress b) SocketAddress c) IP Address d) None of them

1. A port number in Java is defined as \_\_\_\_\_**A.**\_\_\_\_\_\_\_ integer.

**a) 24 bit** b) 1023 bit c) 10032 bit d) 65535 bit

1. The class used in Java network programming for socket address is the \_\_\_\_\_A.\_\_\_\_\_\_\_ class.

**a) InetAddress** b) SocketAddress

c) InetSocketAddress d) None of them

1. Java implementation of TCP uses \_\_\_\_\_\_\_**B.**\_\_\_\_\_\_ types of socket objects.
2. Only one **b) only two** c) multi types d) none of them
3. ServerSocket is sometimes called the **\_\_\_\_\_\_A.\_\_\_\_\_\_** socket.
4. **Passive socket** b) active socket c) waiting socket d) none of them
5. Which socket is responsible for establishing a connection? \_\_\_\_\_**C.**\_\_\_\_\_\_\_
6. Socket b) ServerSocket **c) ClientSocket**  d) none of them
7. Two methods getOutputStream and getInputStream, are provided in the \_\_\_\_\_\_**B.**\_\_\_\_\_\_ class.
8. ServerSocket **b) Socket** c) Stream d) none of them