CSCI 3303 Networking Data Communication

Homework Assignment 9

Due Date: Midnight Nov. 14, 2021

Name/ ID: Kaleb Cosgrave

1. \_\_\_\_\_**Thread**\_\_\_\_\_\_\_ is the smallest executable unit of a process which is a program in execution, to allow simultaneous connections in Socket programming.
2. In Java multi-threading, a thread can be created by \_\_\_**C. but A. works**\_\_\_\_\_.
3. Extending Thread class **c) implementing Runnable interface**
4. Anonymous class d) Delta method
5. Which method is called internally by Thread start( ) method? \_\_\_\_\_**B.**\_\_\_\_\_.
6. execute( ) **b) run( )** c) main( ) d) launch( )
7. What is maximum thread priority in Java? \_\_\_\_\_\_**A.**\_\_\_
8. **10** b) 12 c) 30 d) 100
9. How many method(s) a thread can be created in Java multi-threading? \_\_\_\_**B.**\_\_\_\_\_\_
10. 1 **b) 2** c) 3 d) 4
11. Which method is used to make main thread to wait for all child threads? \_\_\_\_**B.**\_\_\_\_\_\_
12. join( ) **b) sleep( )** c) wait( ) d) stop( )
13. Which thread will be executed first if two threads have same priority? \_\_\_\_\_**D.**\_\_\_\_
14. They will fall in starvation and none will be executed
15. Both will be executed simultaneously
16. It depends on operating system
17. **They will be executed on first come first serve basis**
18. Which method is used to get current running thread object? \_\_\_\_\_\_\_**C.\_\_\_\_**
19. RunningThread( ) **c) currentThread( )**
20. runnableThread( ) d) none of the above
21. The life cycle of a thread in Java is controlled by \_\_**A.**\_\_\_\_\_\_\_\_.
22. **JVM** b) JDK c) JRE d) none of the above
23. How many threads in Java program below? \_\_\_\_\_\_**C.**\_\_\_\_\_\_
24. 0 b) 1 **c) 2** d) 3

*public class ThreadExtended extends Thread{*

*public void run( ){*

*System.out.println(“Thread is running now”);*

*}*

*public static void main(String[ ] args){*

*ThreadExtended th = new ThreadExtended();*

*th.start( );*

*}}*