Week 1 pre-reading quiz

Test your knowledge for Week 1!

Question 1 *Submitted Feb 26th 2022 at 9:52:29 pm*

Java is _____.

- ( ) a procedure

- ( ) programming

- ( ) user friendly

- (●) **a high-level language**

Question 2 *Submitted Feb 26th 2022 at 9:54:57 pm*

When considering programming today, adding new functionality does not affect the overall code.

- ( ) True

- (●) **False**

Question 3 *Submitted Feb 26th 2022 at 10:01:23 pm*

Based on your understanding, which of the following is the most important component in a computing system? (You may select multiple responses.)

- ( ) The various applications that we can run using the computer and the speed with which they can be executed.

- ( ) The devices that make up the machine, e.g. processor, memory.

○ The ability to tell the system to provide some outcome based on some criteria specified by the user.

○ The user of the system is the most important component.

○ The required documentation that outlines how a system can be used and for what.

● All of the above are important.

○ None of the above are important.

Question 4 *Submitted Feb 26th 2022 at 10:01:33 pm*

What are the benefits of object orientation?

○ Mirroring Reality

○ Confining Programmer focus

○ Reuse

○ Refactoring

● All of the above

○ None of the above

Question 5 *Submitted Feb 26th 2022 at 10:01:44 pm*

Which of the following starts a single line Java comment?

○ //*

- ◉ //

- ○ */

- ○ ///

Question 6 *Submitted Feb 26th 2022 at 10:02:40 pm*

A programmer, while writing some code, encountered the following error message on their screen:

What type of error is this in their code?

- ○ Logic Error.

- ◉ Syntax Error.

- ○ Execution Error.

- ○ This is not an error in Java.

Question 7 *Submitted Feb 26th 2022 at 10:04:21 pm*

If your code contains incorrect syntax what is the consequence?

Note: the Compiler is the software application that translates your Java code into code a computer can execute.

- ◉ Your code cannot be compiled and therefore cannot be executed

- ○ No consequence. the compiler is smart and can usually figure out your mistake and correct it.

- ○ Your code will run slow

- ○ Your code will run but with unintended semantics

○ If you think none of the above are a consequence of your code containing incorrect syntax, select this option

Question 8 *Submitted Feb 26th 2022 at 10:04:37 pm*

Which of the following do you think is the most difficult error to find?

○ Syntax error

◉ Logic error

○ Compile error

○ Select this option if you think none of the above stand out as being more difficult to fix than the others