
This assignment contains 5 pages (including this page) and 30 questions. Check to see if any pages are missing.

These pages are indexed to the videos for this course.

Grading

Your answers must be hand-written on printed copies of the notes.

- I will not accept typed answers
- I will not accept answers written on notebook paper.
- This document will only be "spot checked." Not all answers may be graded.
- *Don't skip questions!* If you don't know an answer, at least give it a try. Or explain what you don't understand. Put a big star or arrow around the points you don't understand and ask about them in class.
- Keep your copy. When I make up the test I will go down the notes page and draw inspiration from these questions when making up the exam. These notes pages will be good study guides.
- You may write any lingering questions or muddy points at the end of the document. Then ask in class
- Scan this document into a .pdf file and turn it in. If you don't have access to a regular scanner then install a "CamScanner" app on your phone or tablet. They work pretty well. Photographs will not be accepted. You must scan to a .pdf document.

Video 01.010 Course Overview

1. The videos are based on handouts that are available in a github repository.
What is the URL of the github repository?
2. What are some good things about Python as a programming language?
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 -
3. What are some good things about Java as a programming language?
 -
 -
 -

4. What are some limitations or problems with Java as a programming language?
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 -
 -
5. Java was based on C++. What are some of the problems of C++ that Java was trying to fix?
6. What is an interpreted language? What is an example of an interpreted language?
7. What is a compiled language? What is an example of a compiled language?

Video 01.020 JRE & JDK

8. What does JRE stand for?
9. The _____ is used to run Java programs that are already written. The _____ is only needed by program developers.
10. Which is the compiler, the JRE or the JDK? _____
11. Check your computer to see if the JRE is installed
 - What command did you use to check?
 - Did you have the JRE already installed? If you do, what version?
12. What does JDK stand for?
13. Check your computer to see if the JDK is installed
 - What command did you use to check?
 - Did you have the JDK already installed? If you do, what version?
14. What are the two main distributions of the Java JDK?

15. Who or what is "Oracle?"
16. What does LTS mean? Why is LTS significant?
17. What is the most recent LTS version of Java?
18. If you had to install Java, what version do you now have installed?

Video 01.030 IntelliJ IDEA

19. What are three things that most IDEs do?
 - 1.
 - 2.
 - 3.
20. What IDE will the instructor be using in this course?
21. What are some other IDEs that may be used for Java?
 -
 -
 -
22. How can you get a free Ultimate version of IntelliJ?

Video 01.040 First Program

23. What symbol (or sequence of symbols) starts a "JavaDoc" comment?
24. What symbol (or sequence of symbols) ends a "JavaDoc" comment?
25. How can you tell at a glance that an identifier refers to a class?

26. True or False: Java class names may contain blanks.
27. Circle the following ids if they would be good names for Java classes. To be a good name, the name should follow both style and syntax rules.
- Greeting
 - hmwk01
 - Hmwk01
 - Homework01
 - Demo Project
 - DemoProject
28. If a Java class is named "Homework" then what would be the name of the file that contains the source code? _____
29. What is the name of the folder where you should create your Java class.

30. Write a complete Java program, including a Javadoc comment that describes the program and specifies your name. The program should just print out your name. ¹

¹If you have any concerns or points you do not understand please write them at the bottom of this page after your program. Bring up your question during the next class.
Scan this document to a .pdf file and upload it. Keep the original of these notes and save them to help study for the exam.