

AP COMPUTER SCIENCE A SUMMER ASSIGNMENT 2019-2020 – Mr. Jordan

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Dear Prospective AP Computer Science Students,

Welcome to AP Computer Science! This course will be an intense journey through many topics in Java Methods culminating in May with the AP Exam. In order to cover all the materials that may appear on the exam, you will need to complete the following readings and assignments over the course of the summer. These assignments will be discussed during the first week of class in September. Also, the material will be tested during the first weeks of school.

Purpose: Your summer assignment will involve reading several chapters of the course text and completing some programming exercises in Java. These exercises will allow you to review and maintain your current knowledge.

The following is a list of required assignments to do over the summer:

1. Download the most recent version (8) of the Java Developers Kit (JDK) from <http://www.oracle.com/technetwork/java/javase/downloads/index.html>. Be sure to download the version appropriate for your computer. For more information read <http://skylit.com/javamethods/faqs/GettingStartedJava.pdf>
2. Download the current version of the Eclipse Development Environment from <http://www.eclipse.org/downloads/>. Once again be sure to download the version compatible for your computer and your Java version. For more information read <http://www.skylit.com/javamethods/faqs/Eclipse.pdf>
3. Read the following sections and complete the listed exercises (Text can be found in a PDF in the shared folder for AP Computer Science 19/20 on Google Drive). Answers to text exercises should be submitted by Wednesday, July 31, 2019:
 - Chapter 1 –Exercises 2-6, 8, 10-11, 13, 16, 19, 20
 - Chapter 2 –Exercises 1-7
 - Chapter 3 –Exercises 3, 4, 5, 7, 10
4. Complete the programming exercises in the document AP Computer Science Summer Coding Assignment also found in the shared folder for AP Computer Science 18/19 on Google Drive

Solutions to programming exercises must be submitted via email (*.java files as attachments) by Tuesday, August 27, 2019.

If you have questions, please do not hesitate to email me