

AP Computer Science A Summer Assignment for 2020-2021 School Year

SUGGESTION: DO NOT WAIT TILL THE LAST DAYS OF SUMMER TO BEGIN THIS ASSIGNMENT!!!!

1. I have created a google classroom, which you should have received a request to join. If you need to manually join, the code is: **p5x7it5**
2. All questions should be sent through google classroom or through school email: **jhoagland@frhsd.com**
3. Go to: **www.codehs.com** and create an account.
 - a. Click "sign up"
 - b. Click on "I am a Student".
 - c. Fill in required fields – use your school issued email address
 - d. Class code: **D8AD6**
4. Log out and re-log in to **www.codehs.com**
5. In the center of the screen – click "Hoagland -AP CS A 20-21"



Hoagland - AP CS A 20-21

6. You will be completing the first 2 units: Unit 0: Java Pretest and Unit 1: Primitive Types.
 - a. Unit 0: Java Pretest: This will see what you already know about Java and coding. ***IT IS A PRETEST!***



JAVA PRETEST

Unit 0: Nitro

1 LESSON

Hide Lessons



JAVA PRETEST



- b. Unit 1: Primitive Types – you will complete **all** portions(videos, quizzes, examples, and exercises) of the **8** lessons. The grey circles will change to colors as you complete the various portions of the lessons. **The videos are extremely valuable – you may want to take some notes during the videos to refer back to during the assignments.**



PRIMITIVE TYPES

Unit 1: Nitro

8 LESSONS

Hide Lessons

1.1

WELCOME TO AP CS A!



1.2

WHY PROGRAMMING? WHY JAVA?



1.3

VARIABLES AND DATA TYPES



1.4

EXPRESSIONS AND ASSIGNMENTS STATEMEN...



1.5

COMPOUND ASSIGNMENT OPERATORS



1.6

USER INPUT



1.7

CASTING AND RANGES OF VARIABLES



1.8

PRIMITIVE TYPES QUIZ



7. A grade/assessment will be given for completion of the assignments and to verify understanding of the material during the first few days of school.

GOOD LUCK!!! SEE YOU IN SEPTEMBER!!!