

<A.P. CS A>

Advanced Placement - Computer Science A

Summer Assignment

Briarcliff High School

2026 – 2027 School Year

To: Future AP Computer Science A Students

Welcome to AP CS A! As we eagerly anticipate a great year of Computer Science, there are several required items you need to do to be prepared for the course. We will be using the **Java** programming language and the web based **JuiceMind IDE** in this course this year. Enrolling in this class indicated that you agree to complete this course and the culminating AP CS A College Board assignments and exam.

I have prepared a summer assignment list that reviews basic Java concepts and practices. It is highly recommended that you spread out the summer assignments and not try to complete them all in the first week of August. CS A takes time to process and grasp at a level necessary for success in AP CS A. Remember, that AP CS A is a college level course and that taking a course of this magnitude in high school is difficult, requires dedication, and is a great investment in your education, so prepare yourself and arrive ready to learn.

Have a great summer and enjoy the AP CS A Summer Assignments!

The Summer Assignment: Details

The summer assignment consists of one part, all completed electronically. You are required to complete and submit the following part(s):

1) Programming Fundamentals

Due date: August 24th, 2026. No exceptions.

By completing all parts successfully, you will begin class with a **test grade of 100**. Incomplete assignments are graded on a scale; if your assignment is severely incomplete, you will not receive a grade.

The Summer Assignment: Programming Fundamentals

You will learn the basics of Java programming using the CodeHS online platform. **Please register an account** (*you can use personal or school e-mail, make sure you have access to your e-mail accounts*) on **CodeHS** and sign up to the course using this link (<https://codehs.com/go/F4A43>) or course code: **F4A43**.

Complete the following sections in the course: Java Pretest, Introduction to Programming in Java With Karel the Dog, and Basic Java. There are a couple of quizzes throughout the course, do not worry if you do poorly in them as they will not factor into your summer assignment grade. There may be other sections available, but you do not need to complete them. You will not need to turn anything for this portion since I am able to see all your progress as you work through the course.