

AP CS A Summer Assignment - Introduction to Programming

This assignment is intended to help you become familiar with the process of writing code. In AP CS A , you will be writing code using the Java programming language. You will use CodeAcademy's **FREE** Java tutorial for an introduction into some of the topics you learn more about in the course. (Do not pay/sign up for Pro - we will not use this platform during the school year)
Have fun!

Use the following link:

<https://www.codecademy.com/learn/learn-java>

Then create an account/sign in using your simsburyschools.net gmail account

You will see the following screen - click start



Work through the activities (click the **Stuck? Get a hint** dropdown button to help you!)

The purpose of this summer assignment is to give you exposure to several topics we will cover in the course . Do what you can - If you get stuck - don't worry! We will start from the beginning in August. Programming is fun! Enjoy!

You may attempt to complete the first 2 parts of the course - Introduction to Java and Variables and Data types

Remember - only do the free activities!

Work thru part 1 and 2 (free lessons only)
use hints!

The screenshot shows a course navigation interface. At the top, a light blue header bar contains the text '1 Introduction to Java' with a right-pointing arrow. Below this, a vertical list of activities is shown, each with a circular icon and text: 'Hello World: Java' (code icon) Interactive Lesson, 'Java Program Structure' (document icon) Article, 'Learn Java: Hello World' (checkmark icon) Multiple Choice Quiz, 'Planting a Tree' (tree icon) Freeform Project, and 'What Is an IDE?' (document icon) Article. Below this list, another light blue header bar contains the text '2 Variables and Data Types' with a right-pointing arrow. Underneath, another vertical list of activities is shown: 'Learn Java: Variables' (code icon) Interactive Lesson and 'Java Variables Quiz' (checkmark icon) Multiple Choice Quiz. At the bottom of the screenshot, a Windows taskbar is visible with icons for File Explorer, Edge, Chrome, Word, and Outlook, along with system tray icons for network, volume, and power.