



Checklist

This checklist is to help understand how much you already know. We will use this to put you in a level where you will learn the most! Check all statements that are true for you.

- ☐ I know what is a loop
- ☐ I know how and when to use a loop
- ☐ I know what a variable is in computer science
- ☐ I know how and when to use a variable
- ☐ I know what a conditional is
- ☐ I know how and when to use a conditional
- ☐ I can define the word Algorithm
- ☐ I know what a programming language is
- ☐ I know what pseudo code is
- ☐ Given a description of a task, I can create pseudo code
- ☐ I feel confident that I can go through the logic of a given code

- ☐ I know what debugging is
- ☐ If my code does not work, I know what steps to take to try to fix it
- ☐ I know JavaScript
- ☐ I know what a list is
- ☐ I can define Array
- ☐ I can define Linked List
- ☐ I can use different types of lists in my programs
- ☐ I know when I should use a list
- ☐ I know what a function is in computer science
- ☐ I know how to use functions in my programs
- ☐ I know what a method is
- ☐ I know what an attribute is
- ☐ I can use classes I have made to implement a program
- ☐ I know HTML and CSS

- ☐ Given a programming task, I feel confident that I can complete it on my own
- ☐ I know what an API is
- ☐ I know how I can use APIs to build a program
- ☐ I feel very confident with a language like Python, Java, Javascript, C, etc.