

Module 1: What is code? Reading and reflection.

Module 1 Objective: To read and reflect on the nature of code and creation through digitized data and software.

Read Article:

<https://www.bloomberg.com/graphics/2015-paul-ford-what-is-code/>

Answer the following questions in a .txt file saved as: What_is_code_reflection

In your own words, what is a computer really doing whenever you type a letter on a keyboard? (150 words max)

In your own words, how do computers use input and output to create experiences? (250 words max)

Explain why software products are essentially “infinitely reproducible nothings.” (150 words max)

Explain in your own words how code becomes software. (150 words max)

Explain “algorithms” in your own words. (150 words max)

Explain the DRY principle. (100 words max)

In your own words, what is object-oriented programming? (100 words max)

In your own words explain data and how it relates to code. (100 Words max)

What is a framework? (150 words max)

What is debugging? (150 words max)

Now, with more of an understanding of what code is, why do you want to learn how to code? (500 words max)