

WHAT IS CODE?

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SUMMARY

- He started this essay because of the question, “Can you tell me what code is?”
- He explains that he is one of 18 million other coders and how he is writing this in his view of software development
- Takes something important and hard to understand and makes it understandable.
- Interactive elements in the story.

TYPE AN 'A'

- A computer doesn't know what the letter "a" is until you tell it what it is
 - by pressing the button on the keyboard, it sends a signal that makes the letter "a" appear on the computer screen
- There are at least three representations of the letter "a":
 - the signal from the keyboard
 - the version in the memory
 - the line and circle version on the screen

SOFTWARE

- Hardware: the collection of physical parts of a computer system
- Software: Computers. the programs used to direct the operation of a computer, as well as documentation giving instructions on how to use them.
- Softwares run everything: Window, Angry Birds, ATM, Elevators, everything.

ALGORITHM?

- An algorithm is a set of instructions that solves a specific problem.
- Programming language has two jobs
 - needs to wrap up a lot of algorithms so they can be reused
 - to make it easy for programmers to wrap up new algorithms and routines into functions for reuse
- DRY- Don't Repeat Yourself
 - name things, do things, create things once
 - let the computer repeat itself

GENDER

- There has been a lot of cases of sexual harassment and a lot of sexist content in conferences. Even criminal incidents.
 - because of this issue, there are many rules and warnings about the subject
- Less than 30% of the people in computing are women
 - Intel- 23% - Yahoo!- 37% - Apple, Facebook, Google, Twitter, Microsoft- 30%
 - The problem with women in technology isn't the women

QUESTION

**If coding is suppose to make life
“easier”, then why are there so
many different “languages”?**

**If it isn't women who are the prob-
lem, then what is the problem? Why
are there so many men coders?**