



How Do We Program?

COMP16321 – Introduction to Programming 1

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Lecturer in Computer Science

Assignment Vs. Equals

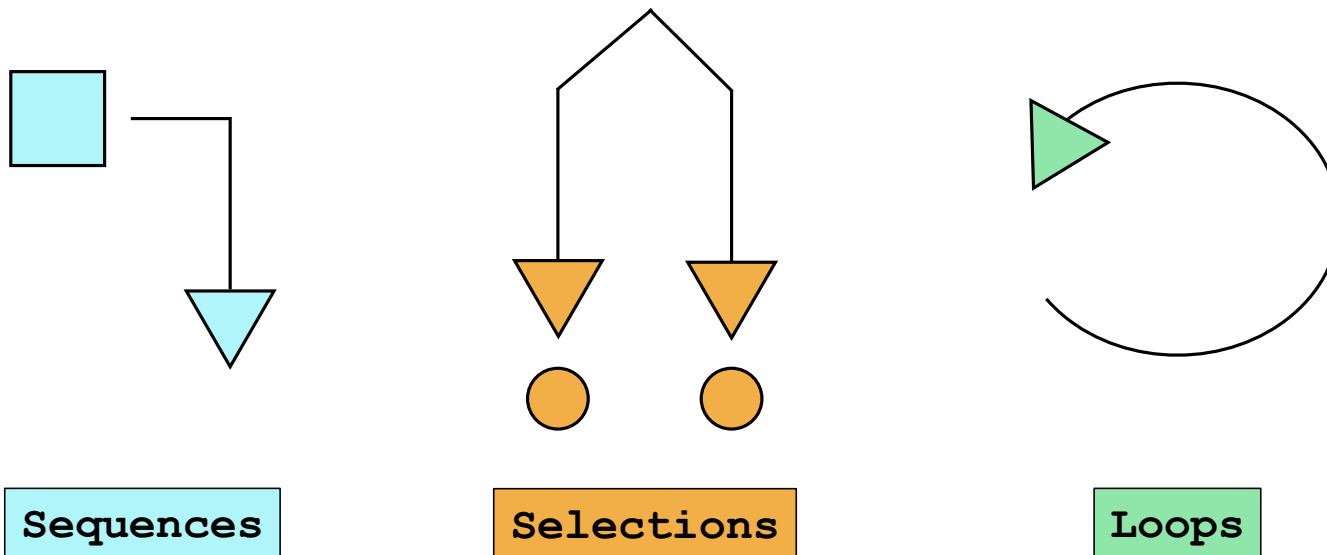
$$2 + 1 \overset{\substack{\uparrow \\ \text{equals}}}{=} 3$$

Loop $x == 2$

$!=$

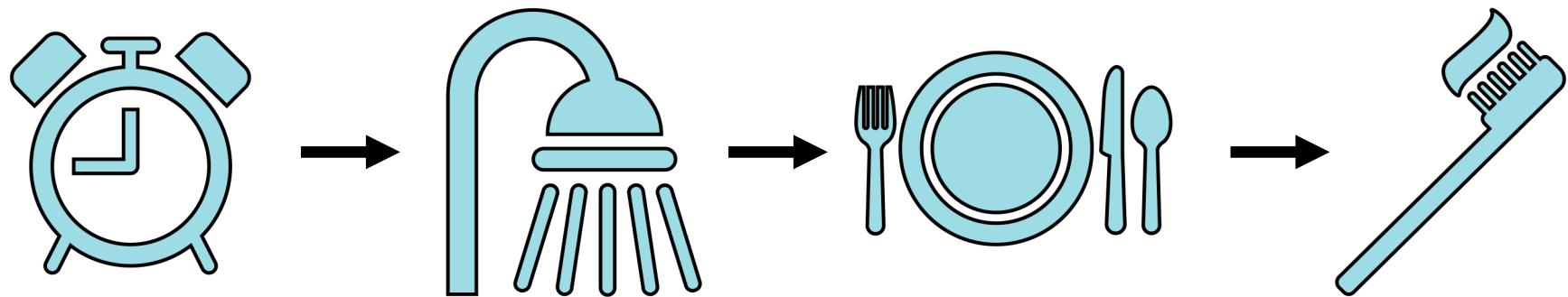
$$x \overset{\substack{\uparrow \\ \text{assignment}}}{=} \cancel{2} 3$$

How Do We Program?



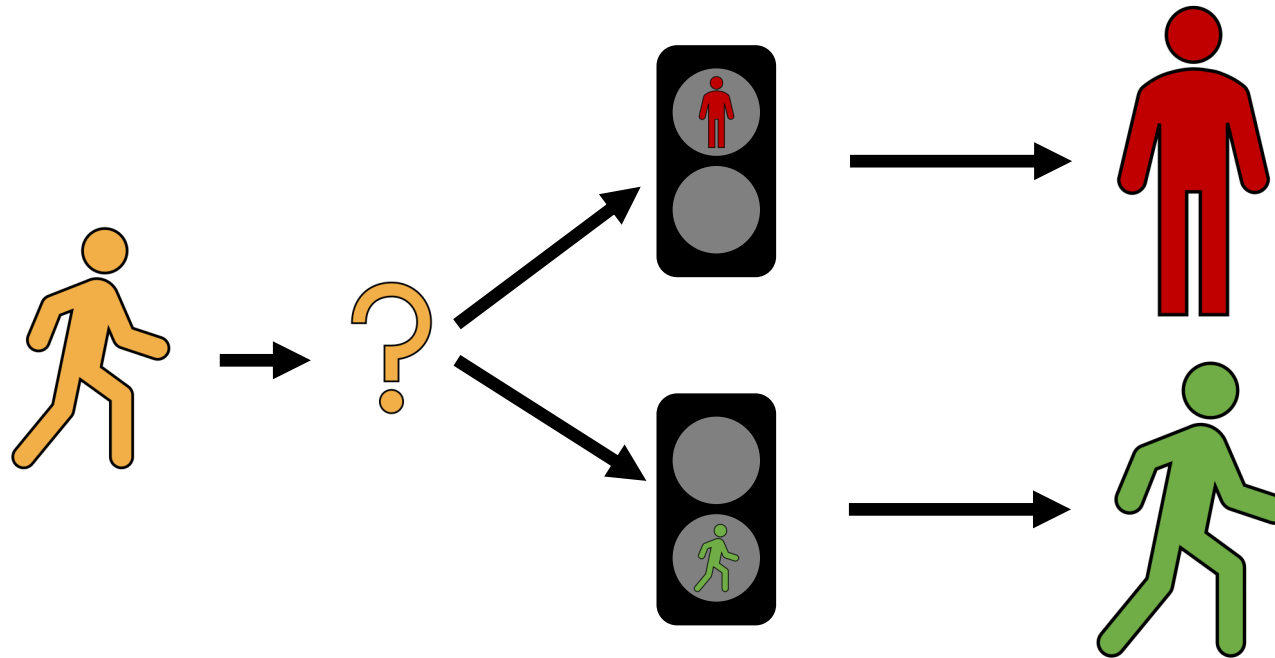
Sequences

Morning Routines:



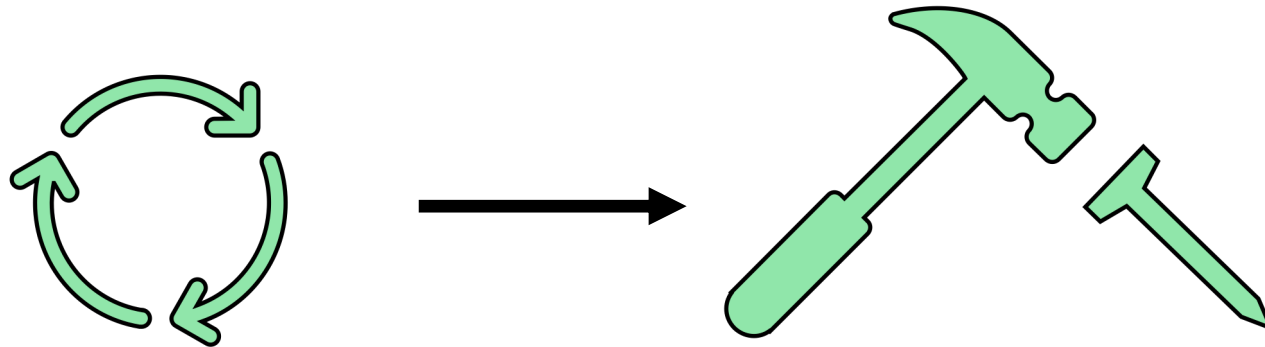
Selections

Crossing a Road:

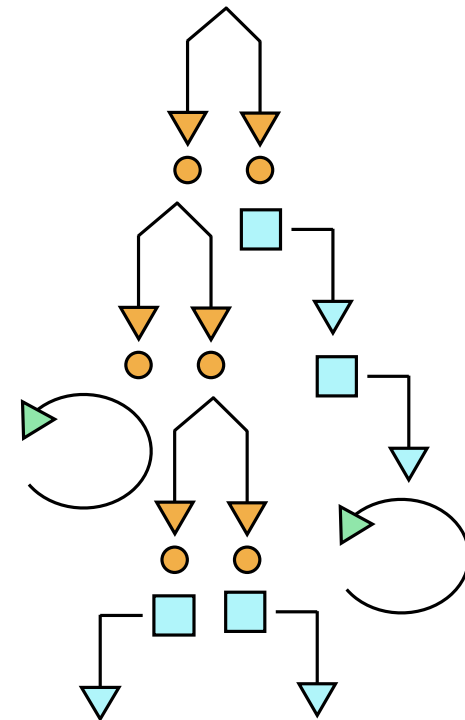
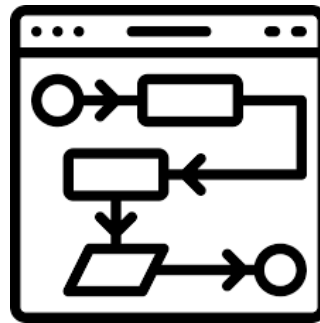
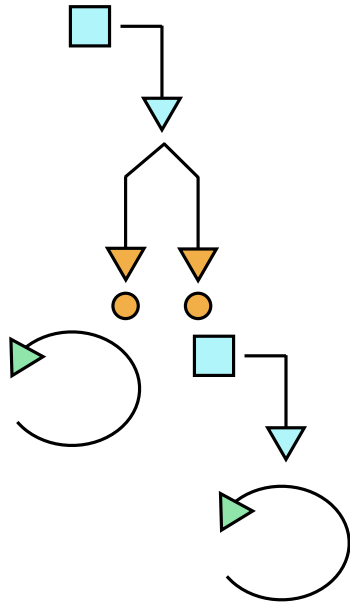


Loops

Hammering a Nail:



Putting Them All Together



From Concept to Program

