

Notes on approaching a new programming language CptS 355

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What kinds of values? integer, floating point, string, dictionary, code array, other arrays, names

What operations on values?

Syntax: how do you write the values and operators? application of operators to values?

Execution model: in what order are operations applied? What state is maintained and how is it manipulated in executing programs in the language? Need to be able to manually simulate execution of programs in the language.

Control structures: conditionals and looping; procedure/function calls and parameter passing

Naming: what do names look like (syntax)? What can be bound to a name – values, locations, code? How is binding performed?

How do you write comments?