Vocabulary Chapter 05

Pseudocode: a tool that helps programmers plan a program’s logic by writing plain English statements

**Flowchart:** a tool that helps programmer plan a program’s logic by writing the steps in diagram form, as a series of shapes connected by arrows

* Sequence Structure: a logical structure in which one step follows another unconditionally
* Decision Structure: a logical structure that involves choosing between alternative courses of action based on some value within a program

**IF** Statement / Single-Alternative Selection: a decision structure that performs an action, or not, based on one alternative

**IF..ELSE** Statement / Dual-Alternative Selection: takes one of two possible courses of action

* If clause: executes when the evaluated Boolean expression is true
* Else clause: executes when the evaluated Boolean expression is false

Side Effect: any action in a method other than a returning value

Range Check: a series of statements that determine within which of a set of ranges a value falls

Ternary Operator: one that needs three operands

Function: a method with no side effects IN SOME PRGRAMMING LANGUAGES – not Java ??