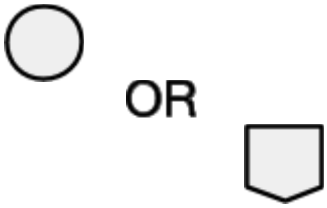
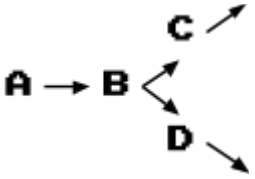
Supplemental Instruction Handout

Here is a fill in the blank worksheet! Once filled out, this can help you make flowcharts or understand vocabulary associated with programming logic.

Side A: Flowcharts

Symbol	Name	Purpose/Example
	Terminal	
	Connectors: On Page AND _____	
	Input/Output Operations	
	External Module	This represents a separate set of code that is outside the algorithm we are defining with our flow chart. Example: Functions (you will learn about these in Chapter 6)
		This represents some sort of decision. Example: Asking yes or no.

Side B: Programming Logic

	Name	Explanation	Example
Types of Errors	_____ Errors or Syntax Errors	An error caused by typing a command incorrectly or incorrect use of Syntax.	Forgetting a semicolon or using the incorrect operator.
	Run-time errors		Program trying to divide a number by zero or trying to reference a file that doesn't exist.
		An error caused by an incorrect sequence of statements.	
Execution Flow Paths	Sequential		
		A way of executing code so that the user (or computer) will have to make a decision.	
	Repeating		