

Module 1-Logic Formulation Cheat Sheet by lukenelson via cheatography.com/211357/cs/45779/

Logic Formulation		
Data Terminal	0	Start and end points of a flowchart.
Initializ- ation	\bigcirc	Prepares memory space for data.
Input/- Output	<i>a</i>	Represents data input and output.
Process		Handles data manipulation and computations.
Decision	♦	Processes conditions using relational operators.
Subroutine	Ι□Ι	Groups steps for a specific task.
Flow Lines		Defines the logical sequence of the program.
On-page Connector	0	Links flowchart parts on the same page.
Off-page Connector		Links flowchart parts across pages.

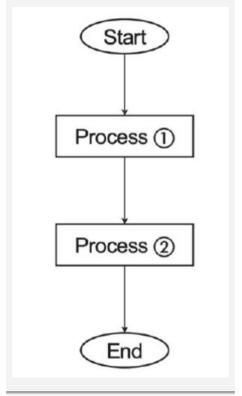
Algorithm

Refers to a step-by-step processing procedure used to solve problems.

Flowchart

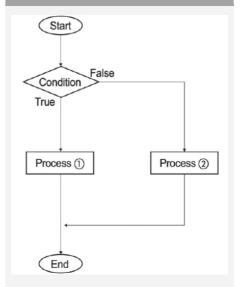
Graphical representation of an algorithm

Sequence Structure



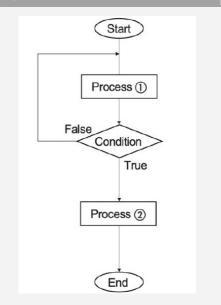
Represents a flow which is carried out in a particular order.

Selection Structure



Represents a flow wherein processes are selected based on certain conditions.

Repetition Structure



Represents a flow wherein a condition is carried out over and over again as long as a certain requirement is satisfied.



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cheatography.com/lukenelson/

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