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## Flow Chart

* A flowchart is a design tool used to graphically represent the logic in a solution.
* Flowcharts typically do not display programming language commands. Rather, they state the concept in English or mathematical notation.
* Here are some guidelines for commonly used symbols in creating flowcharts. You can use any symbols in creating your flowcharts, as long as you are consistent in using them.

| Symbol | Name | Meaning |
| :--- | :--- | :--- |
|  |  | Process Symbol <br> operation or groups of operations that results in a <br> change in value, form, or location of information. <br> Also functions as the default symbol when no other <br> symbol is available. |
|  | Input/output <br> (I/O) Symbol | Represents an I/O function, which makes data <br> available for processing (input) or displaying (output) <br> of processed information. |


|  |  | Represents the beginning, end, or a point of <br> interruption or delay in a program. |
| :--- | :--- | :--- |
|  | Predefined <br> Process Symbol | Represents a named process consisting of one or more <br> operations or program steps that are specified <br> elsewhere. |
| Symbol |  |  |

## Examples

1. Convert the following Pseudo code to finds the Summation of two numbers
2. Begin
3. Prompt user to enter number_one
4. Read number_one
5. Prompt user to enter number_two
6. Read number_two
7. sum $\leftarrow$ number_one + number_two
8. Display sum
9. End

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2. Write Pseudo code and draw the equivalent Flowchart to compute the sum, average and product of three numbers

1) Pseudo code to Calculates the Circle area
1. Begin
2. Initialize $P I$ to 3.14
3. Prompt user to enter radius
4. Read radius
5. area $\leftarrow P I *$ radius * radius
6. Write area
7. End
2) Pseudo code to Calculates the Rectangle area
1. Begin
2. Prompt user to enter Length
3. Get Length
4. Prompt user to enter Width
5. Get Width
6. Multiply Length by Width to Compute Area
7. Print Area
10.End
