

Topic Name



***FLOWCH
ART***

A Flow chart

- Is a type of diagram that represents an algorithm, workflow or process, showing the steps as boxes of various kinds, and their order by connecting them with arrows.
- Flow charts are used in analysing

Overview

- I. Flow chart are used in designing and documenting complex processes or programs.
- II. Like other types of diagrams , they help visualize what is going on and thereby help the people to understand a process , and perhaps also find flaws, bottlenecks , and other less- obvious features within it.
- III.

There are many different types of flowcharts , and each type has its own repertoire of boxes and notational conventions.

Overvi ew

- The two most common types of boxes in a flow chart are:
- 1) a processing step, usually called activity, and denoted as a rectangular box
- 2) a decision , usually denoted as a diamond.

Symbols of Flow chart



Terminato

Represented as circles , ovals or rounded rectangles, usually containing the word “Start” or “End” , or another phrase signalling the start or end of a process , such as “submit inquiry” or “receive product”.

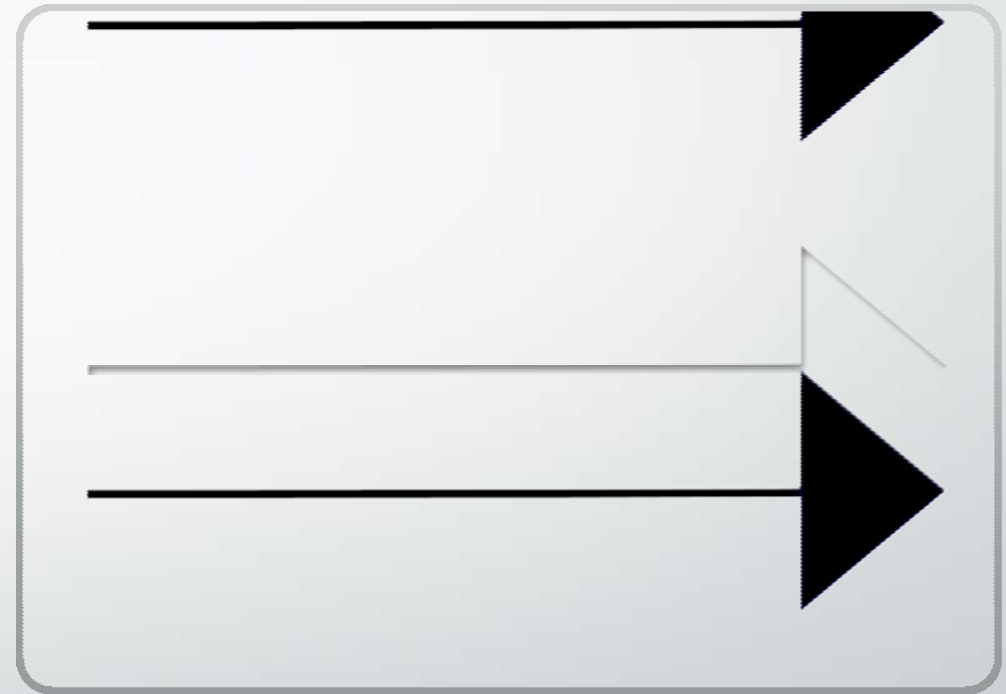


Start / end



Arrow

- Showing “Sflow of control”.
- An arrow coming from one symbol and ending at another symbol represents that control passes to the symbol the arrow points to.
- The line for the arrow can be solid or dashed.
- The meaning of the arrow with dashed line may differ



Processi

ng

- Represented as rectangles.
- Use it to represent an event which is controlled within the process.
- Typically this will be a step or action which is taken.
- In most flowcharts this will be the most frequently used symbol.



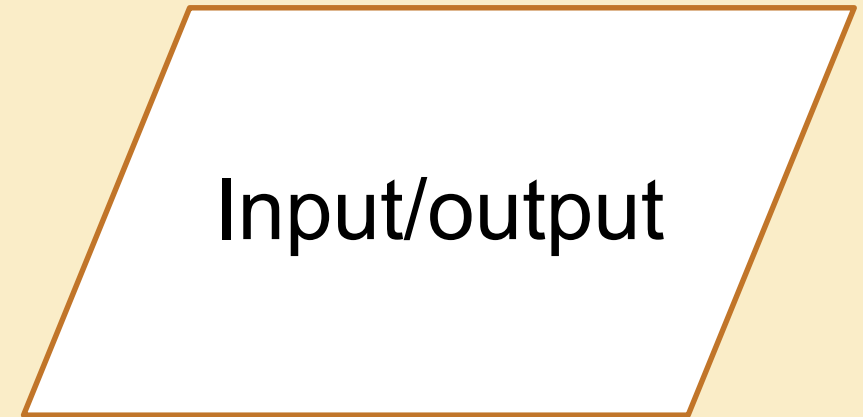
processing

INPUT / OUTPUT

Represented as a parallelogram.

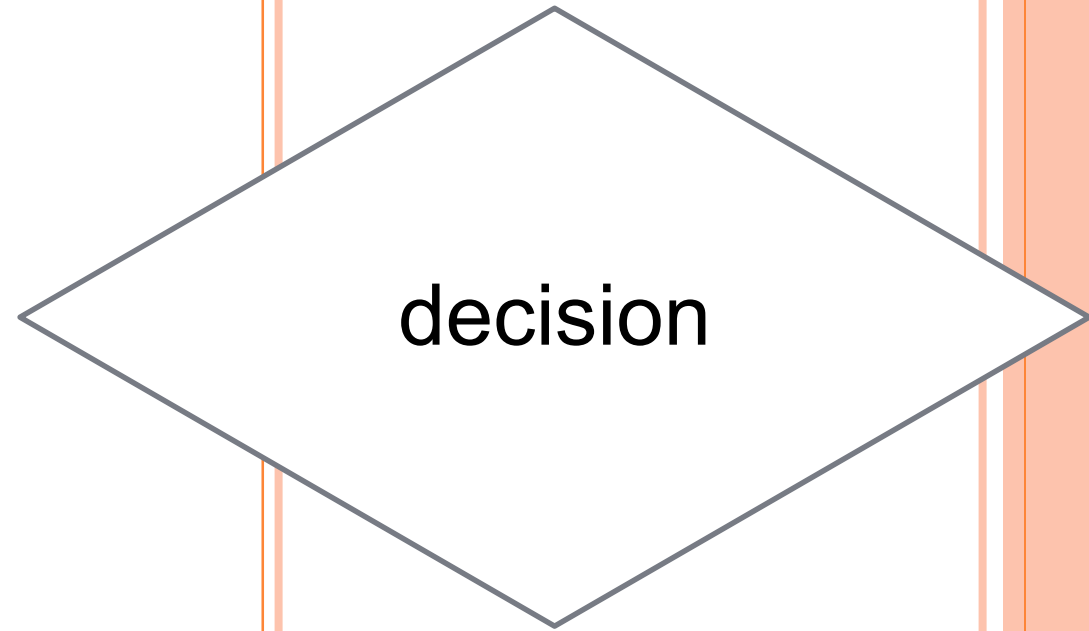
Represents material or information entering or leaving the system, such as customer order (input) or a product (output).

Example: Get X from the user; display X.



DECISIO

NA decision or branching point. Lines representing different decisions emerge from different points of the diamond.



Types of flowchart

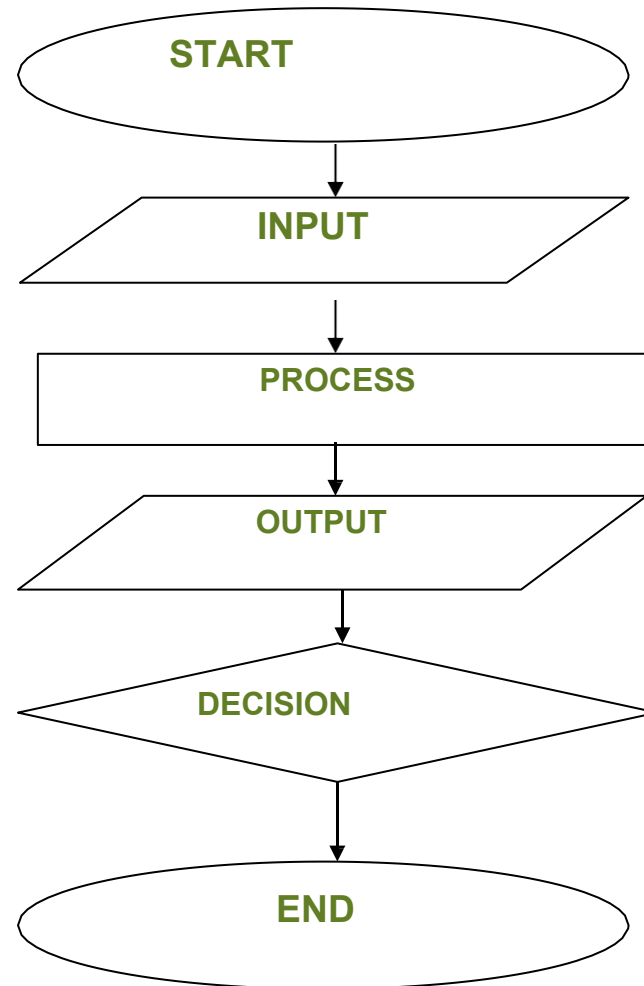
1) *Program*

flowchart

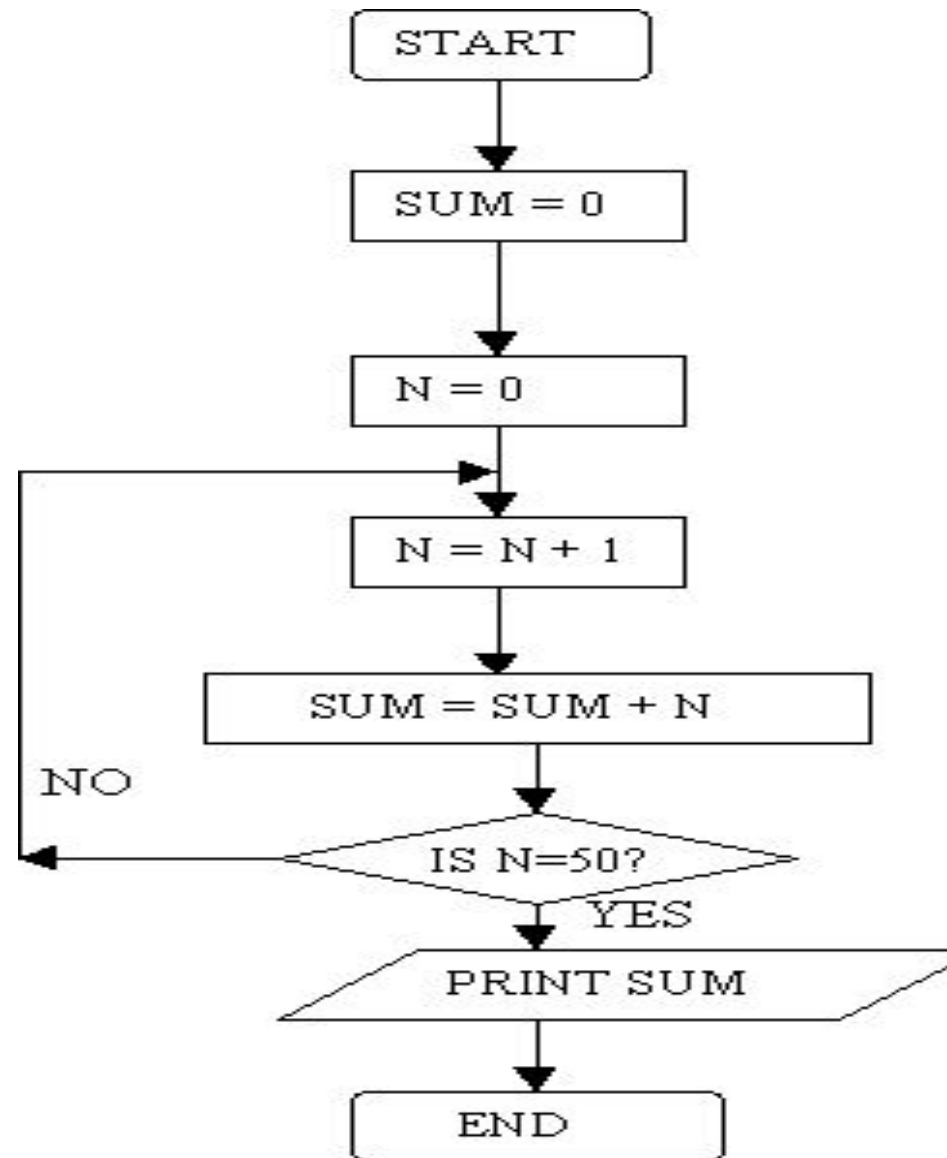
2) *System*
flowchart

Program flowchart:

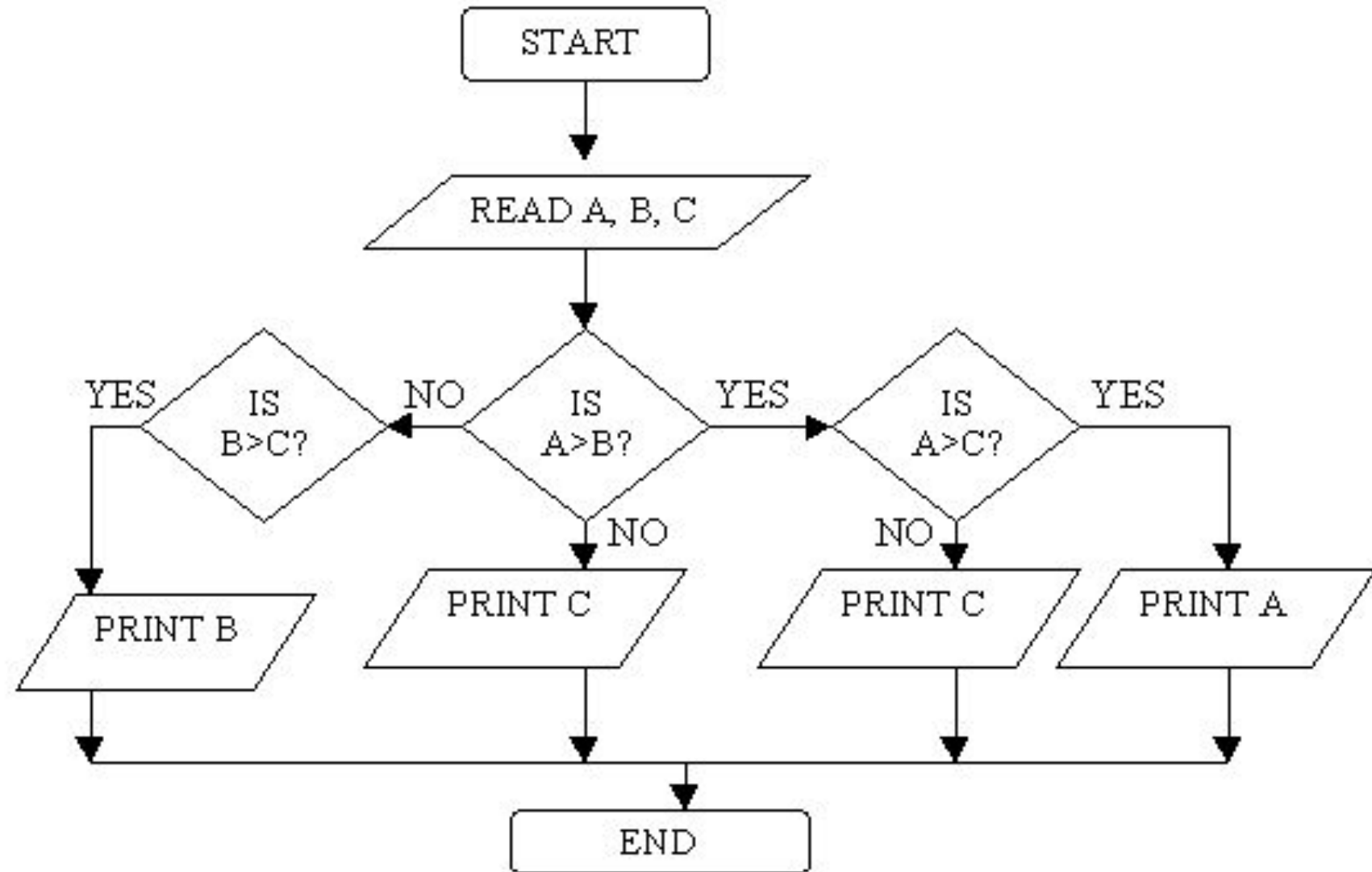
shows the sequence of instructions in a program or subroutine. These instructions are followed to procedure the needed output



DRAW A FLOWCHART TO FIND THE SUM OF FIRST FIFTY NATURAL NUMBER.

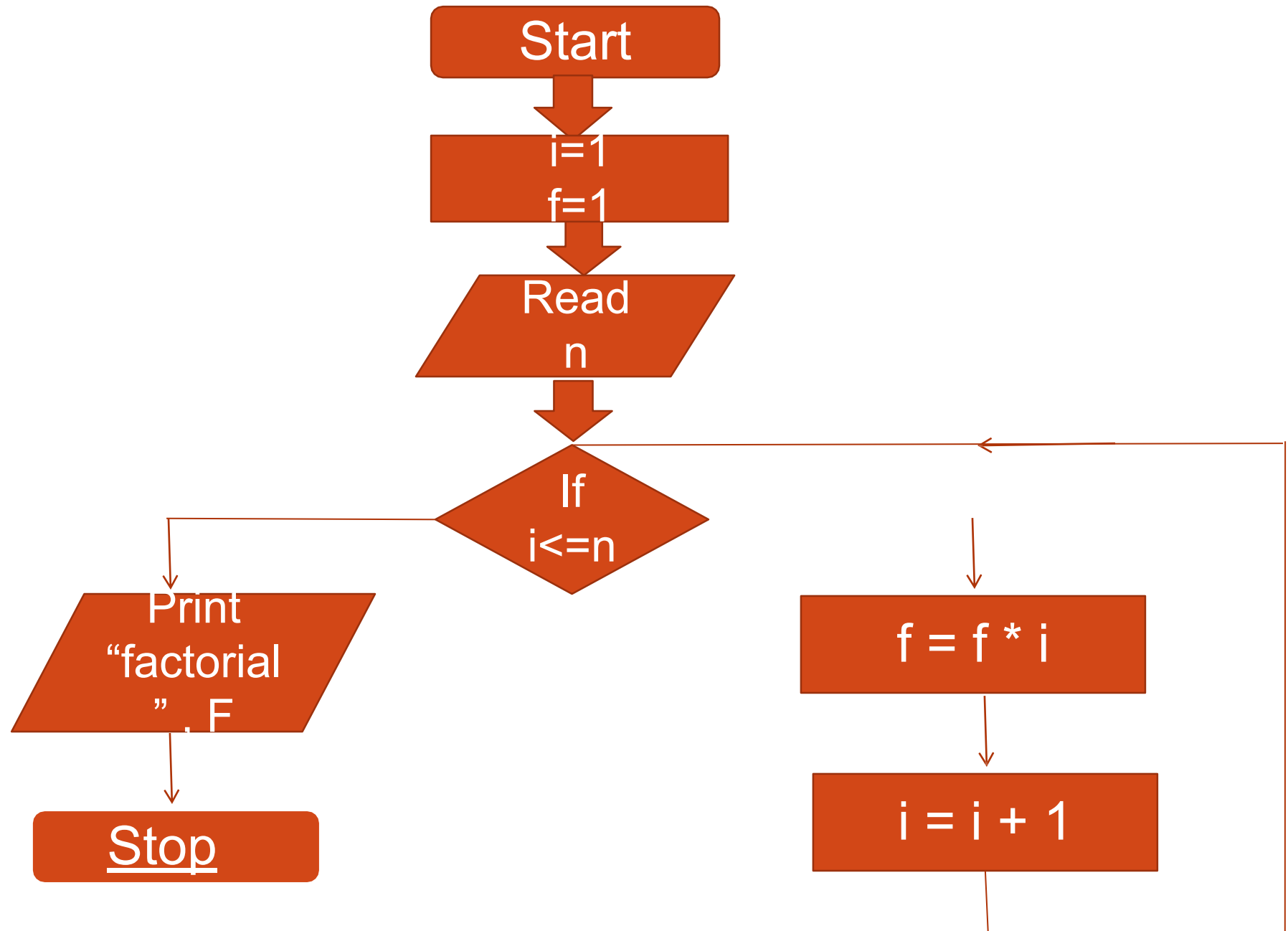


Draw a flowchart to find the largest of three numbers A, B & C.



number

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THANK YOU.

