

TIPS ON FLOWCHARTS AND DRAW.IO

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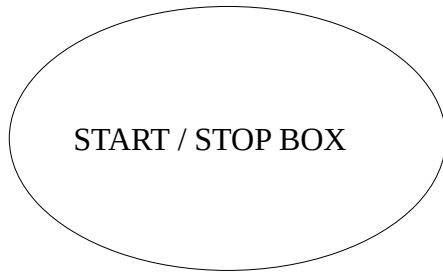
FLOWCHARTS

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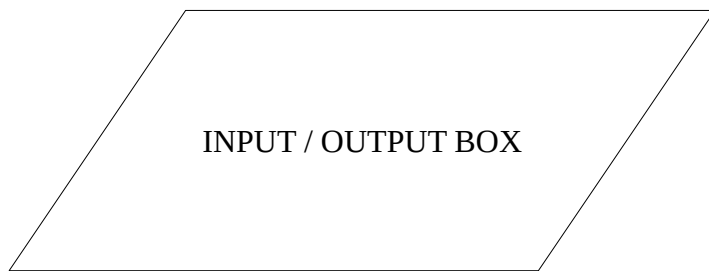
INTRODUCTION

- A flowchart is a drawn or graphical representation of any algorithm
- An algorithm is a sequence to solving a problem
- A flowchart is so called because of the flow of the chart in order of the sequence of the algorithm
- flowcharts has it's own rules and notations

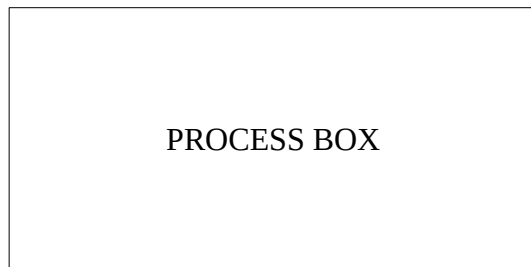
BASIC NOTATIONS AND SIMPLE FLOWCHARTS



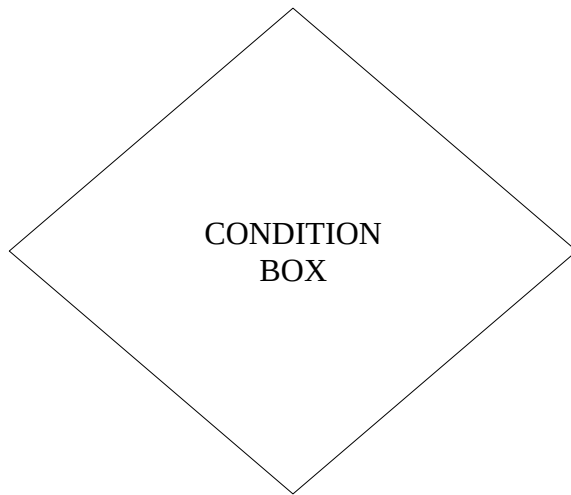
- - It denotes the start and end of the flowchart



- - it's used when an input is needed from the user and also to display an output to the user



- - this is for any mathematical calculations in your flowchart



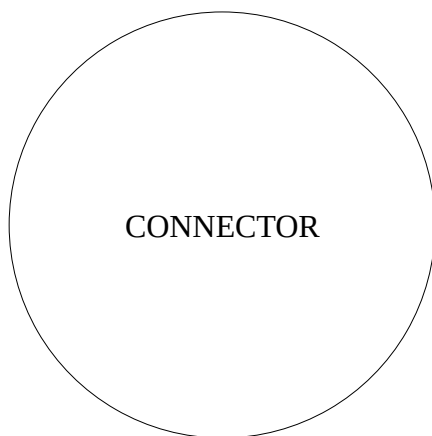
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- this is needed for checking conditions



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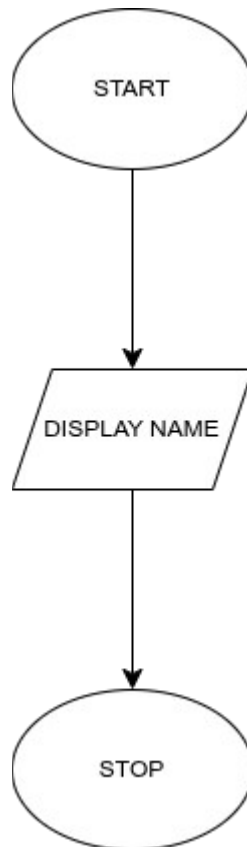
- this is used for connecting all the shapes in the flowchart to show the flow of logic



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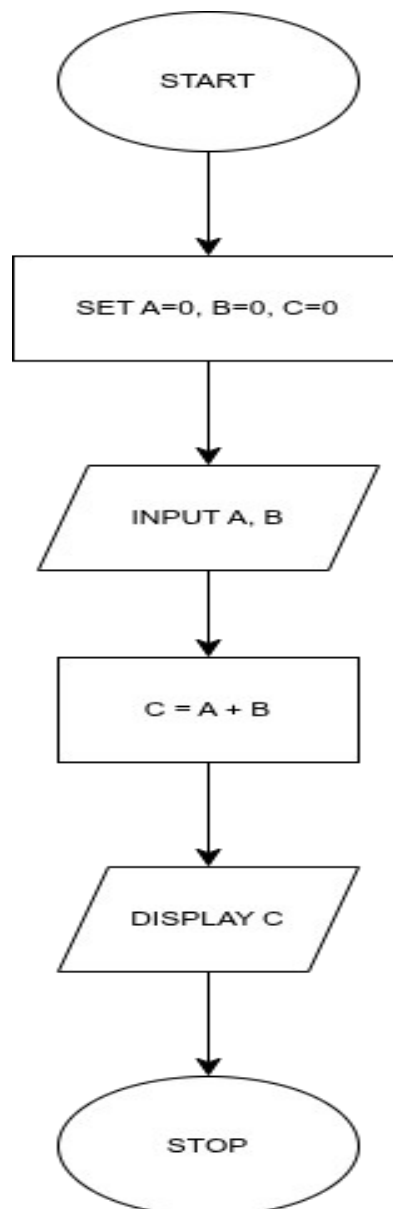
- this is used for connecting one point of the flowchart to another

example 1:



*example 1:
displays a name*

example 2:

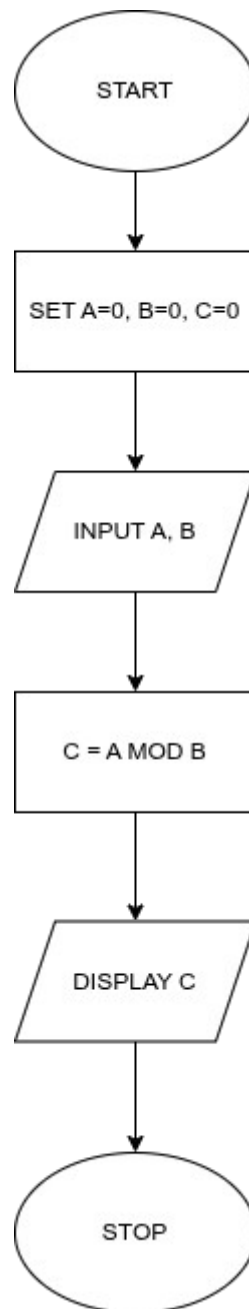


Display The Sum Of Two Numbers

MODULUS AND MORE

- When working on other mathematical operations, all you need to change is the process box
- modulus is denoted as MOD
- modulus gives you the remainder after division in integers

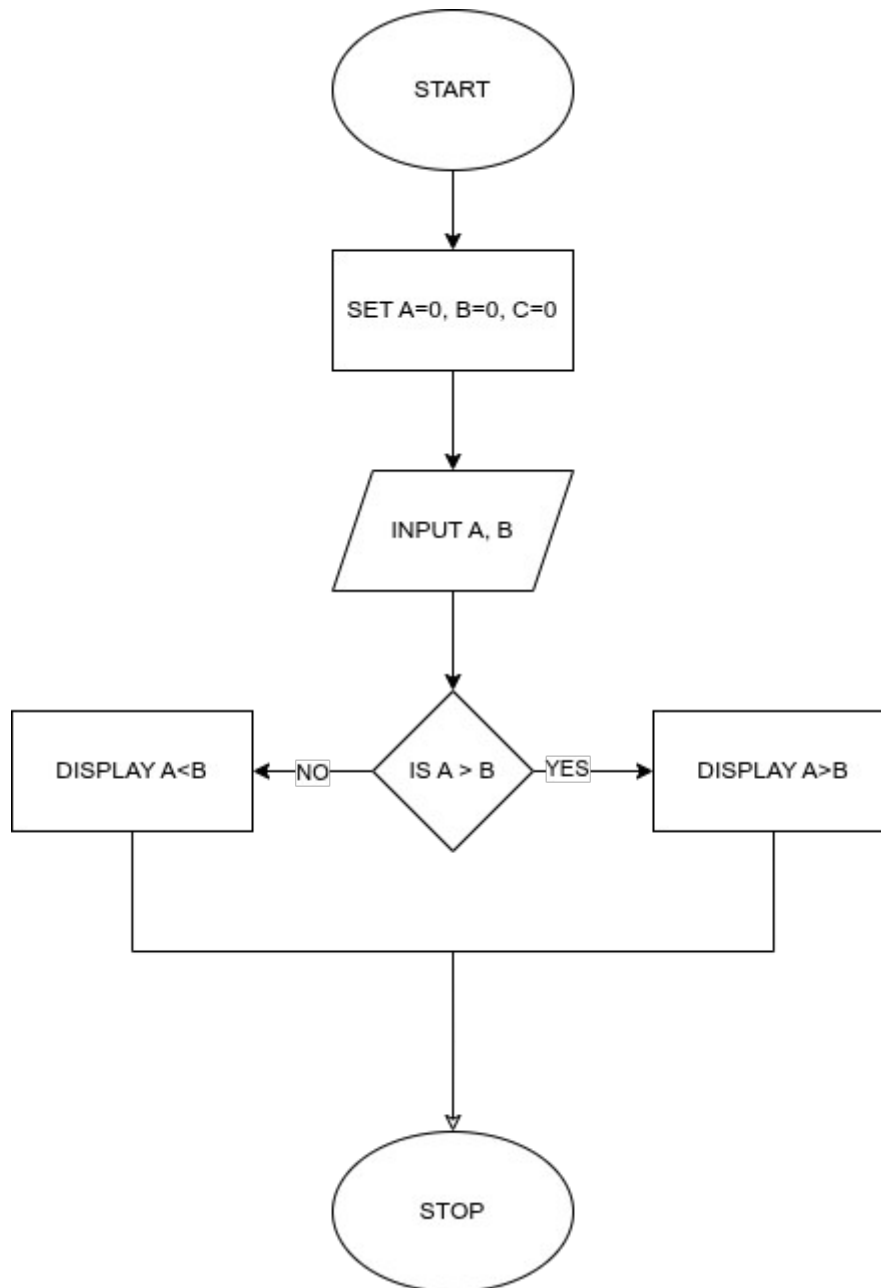
example 3:



VARIABLES AND DECISION BOX

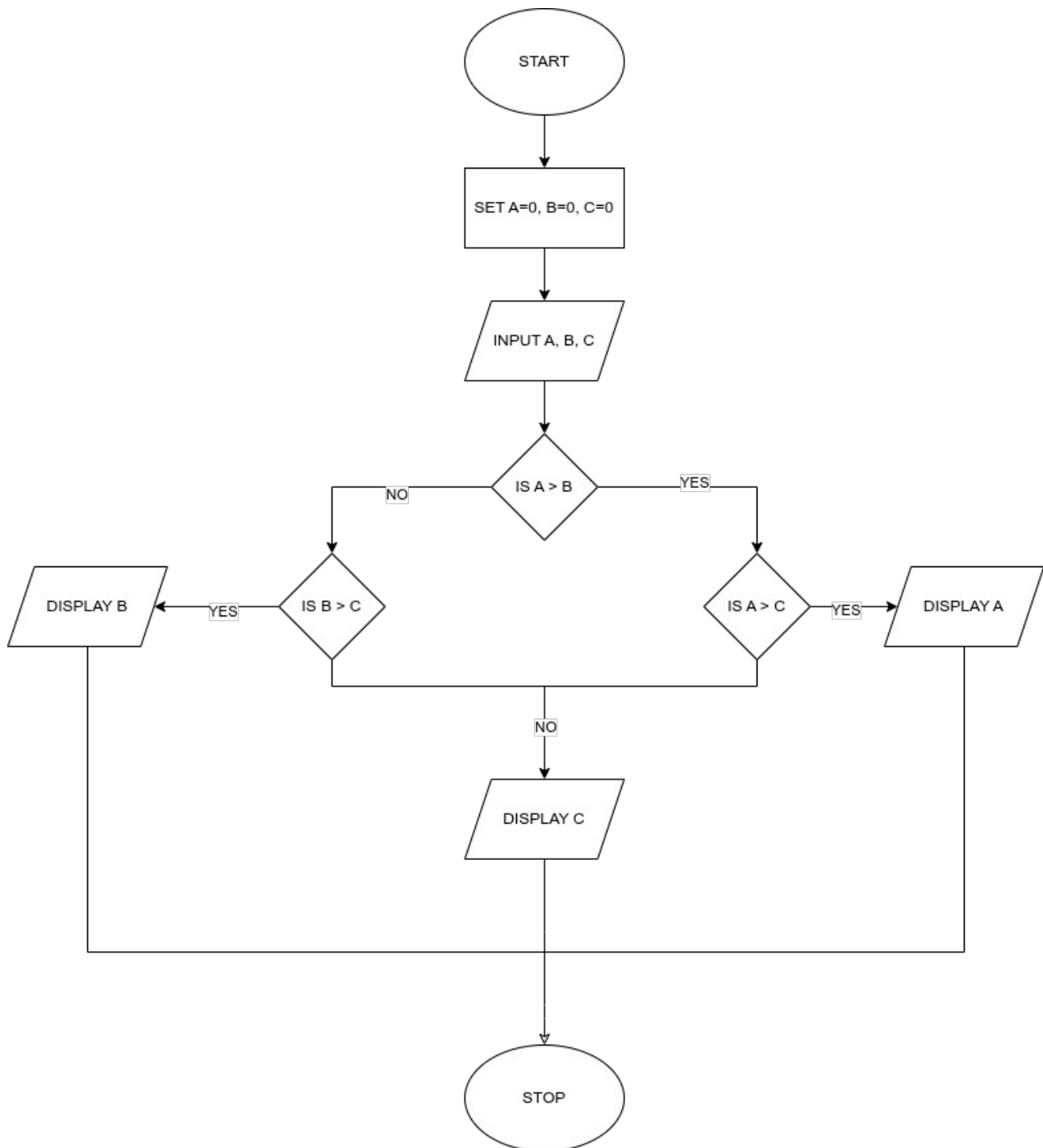
- A variable is a placeholder for data

example 4:



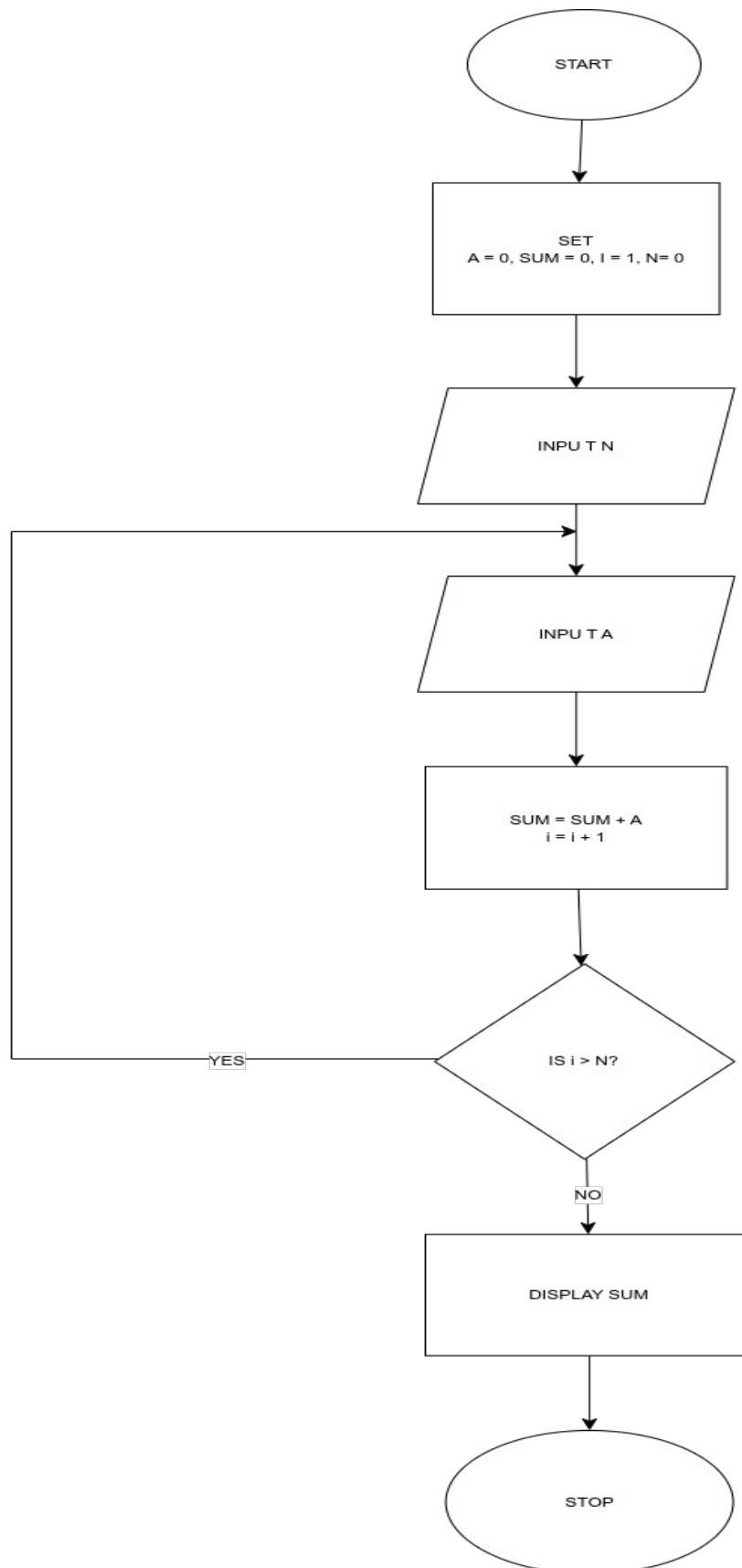
LARGEST OF 3 NUMBERS

Example 5:



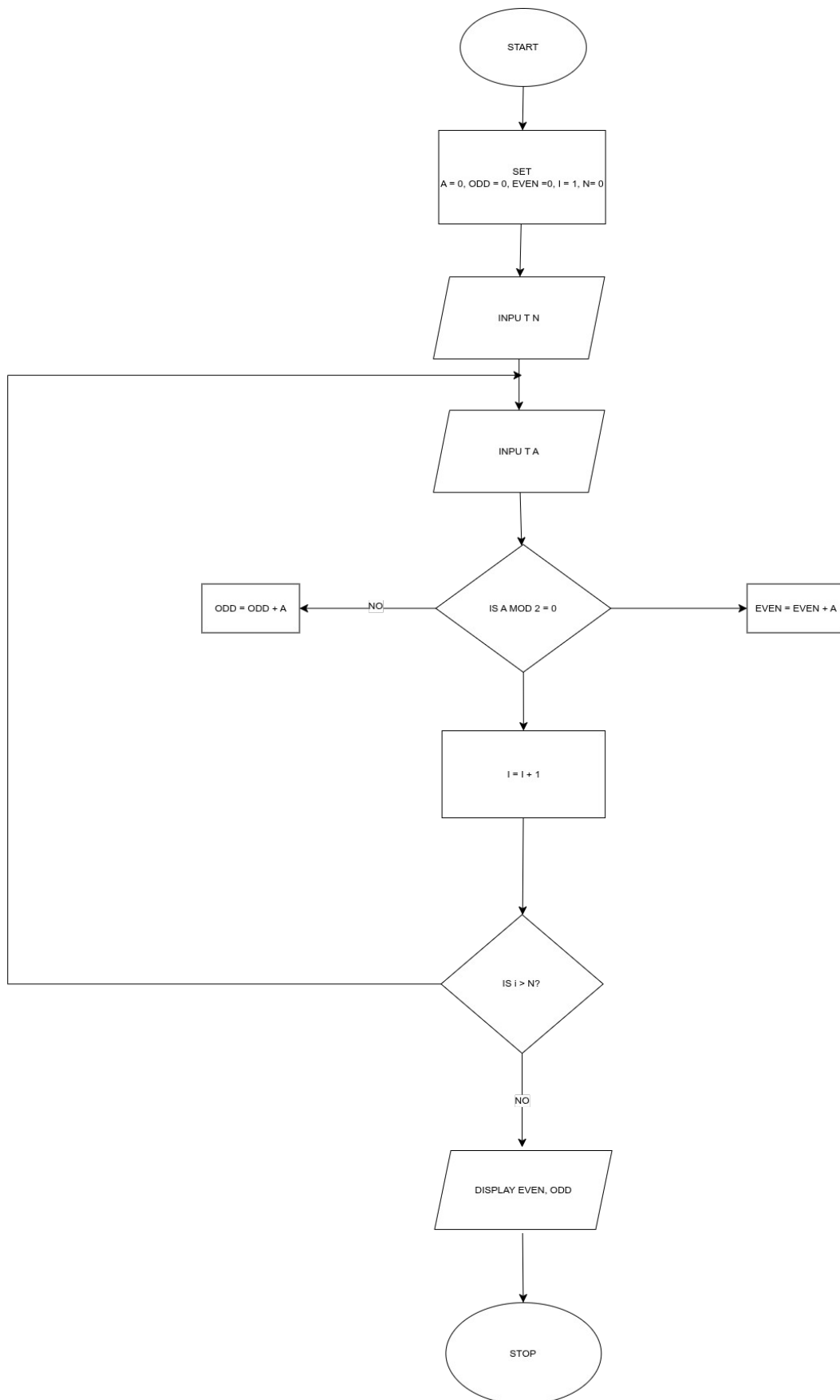
INTRODUCTION TO LOOPS

Example 6:

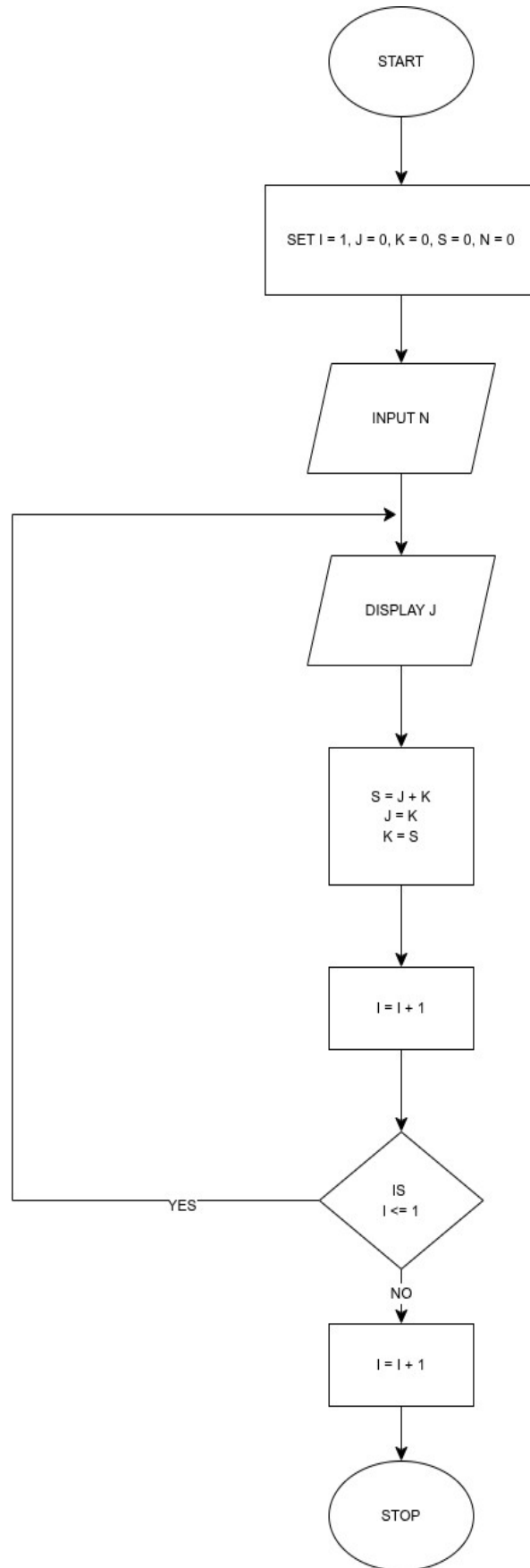


MORE ON LOOPS

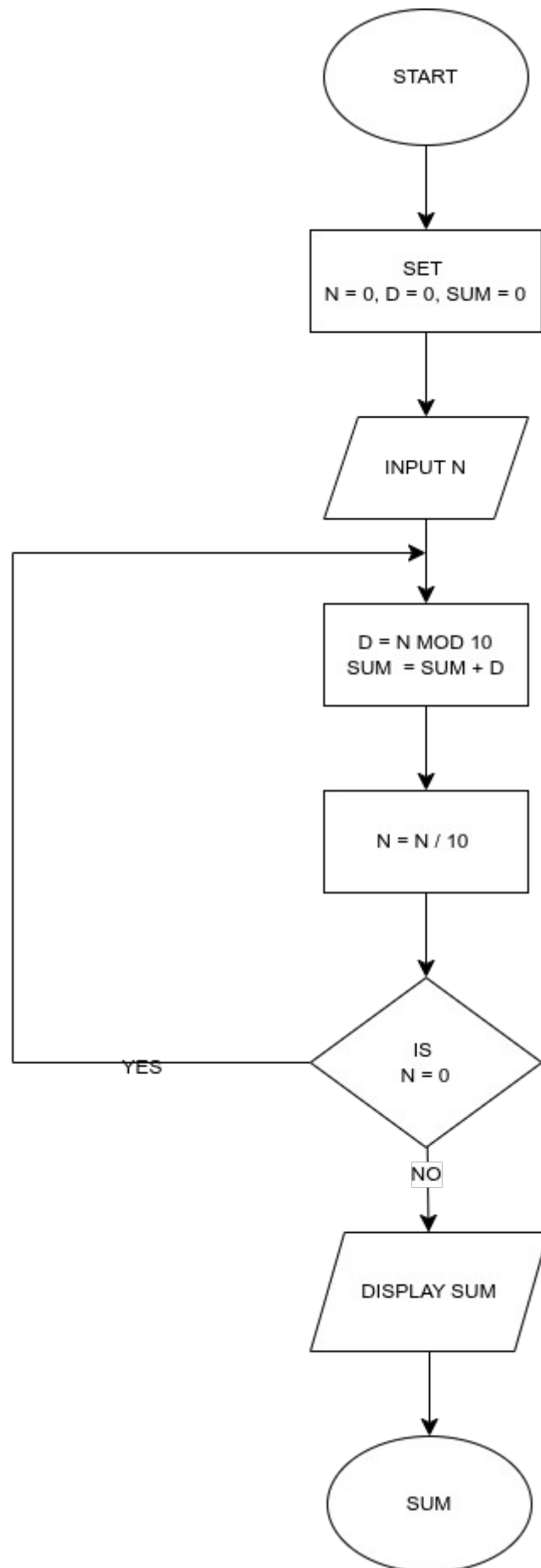
Example 7:



FIBONACCI SERIES



SUM OF DIGITS OF A NUMBER



CONNECTORS

