






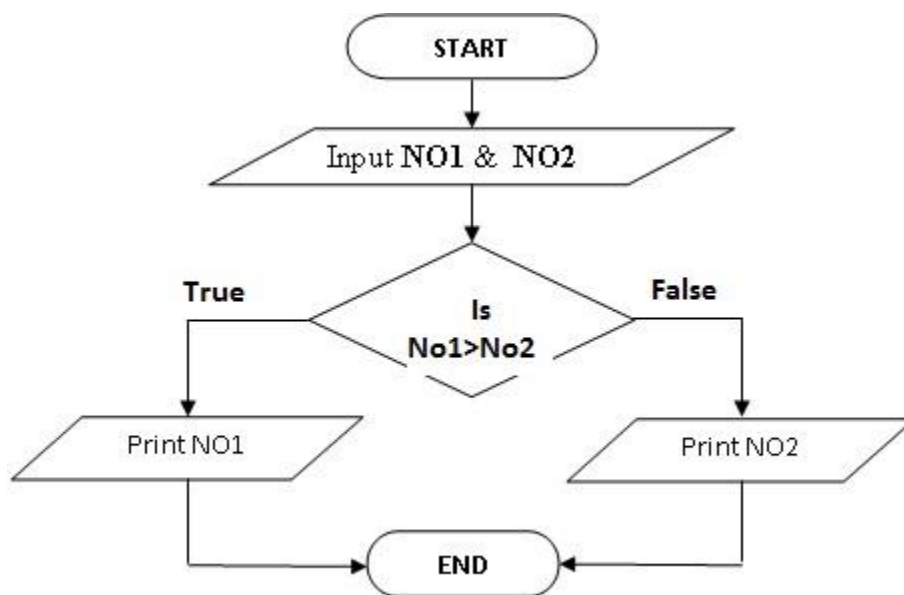
Computational Thinking with Programming (ECSE103L)

Tutorial 1

Flow chart

Symbol	Name	Function
	Start/end	An oval represents a start or end point
	Arrows	A line is a connector that shows relationships between the representative shapes
	Input/Output	A parallelogram represents input or output
	Process	A rectangle represents a process
	Decision	A diamond indicates a decision

1. Make a flow chart to identify maximum of two numbers.



2. Make a flowchart for Add two numbers and print output.

3. Make a flowchart for the following:
Add N number given by user, where N is also decided by user.
4. Make a flow chart to find given number is even or odd.
5. Draw a flowchart to log in to facebook account.
6. Draw flowchart to find the largest among three different numbers entered by user.
7. Make a flow chart for following:
First asks the user to enter a number between 1 and 10. Verify that whether the number is between 1 and 10. Print an error message, if not so. Once verified, print the cube of the number, if it is odd, or multiply it by 5, if it is even.

Homework

8. Make a flow chart sum of digits of given number.
9. Make a flow chart to find number is prime or not.