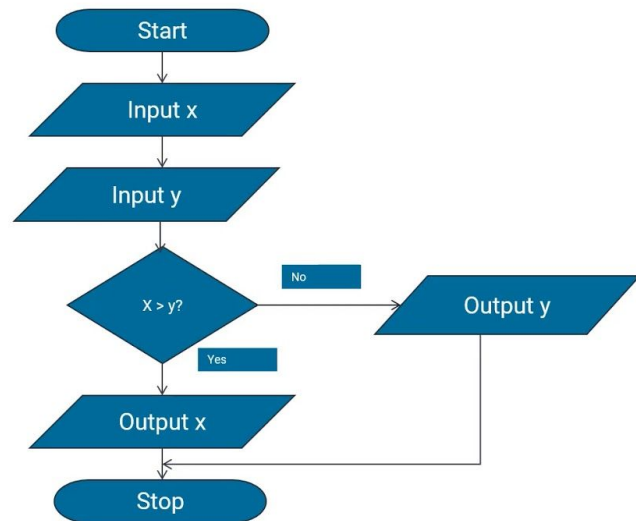Topic 2

Flow charts are a graphical representation of an algorithm.

Flowchart Example

- Process and input/output operations always have a single entry and a single exit

- Decision symbol has a single entry but multiple exits

Start

Input x

Input y

X > y?

No

Output y

Yes

Output x

Stop

Decision tables used if an algorithm has a large number of conditions

Example: Should I Drink More Coffee?

It is morning?	Is it afternoon?	Am I tired?	Drink Coffee?
Yes	No	No	No
Yes	No	Yes	Yes
No	Yes	No	No
No	Yes	Yes	Yes