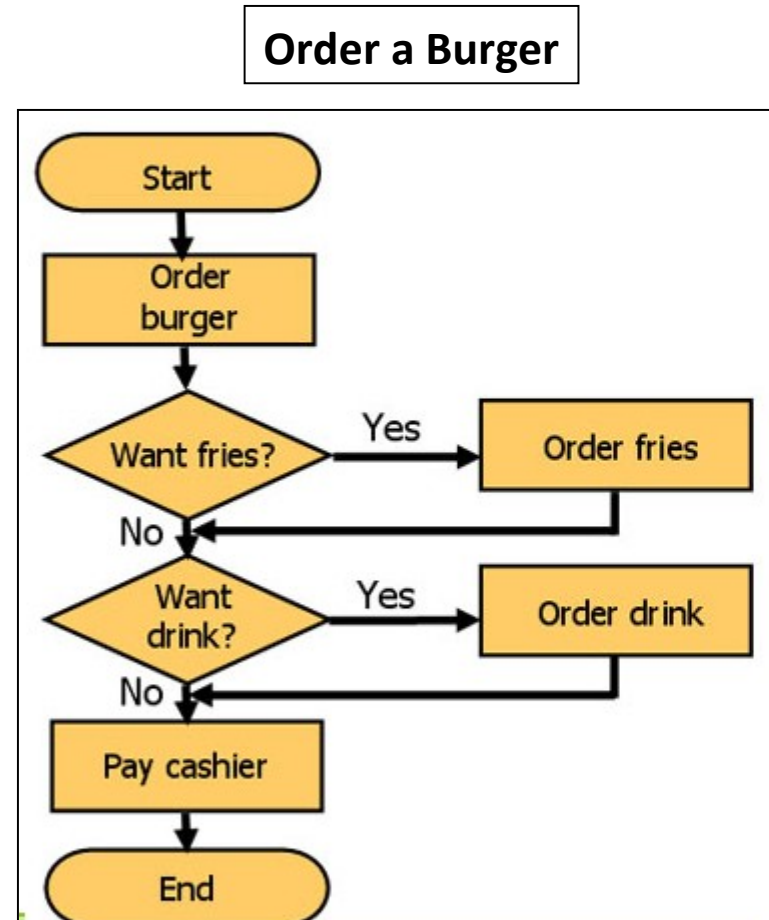# FLOW CHARTS

UNLEASH THE FURY!

What is flow chart?

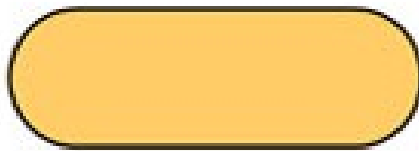A flow chart shows the break down of a task into separate steps

They can be used to represent how programs work

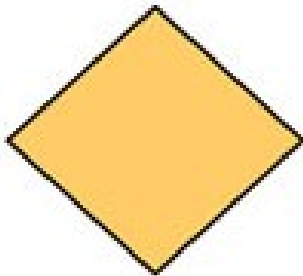Order a Burger

Flow Chart Symbols

Flow charts use *standard* symbols to represent different activities. Having standard symbols means that the diagrams are *universally understood*

'Start' or 'End'

'Action' or 'Process'

'Decision
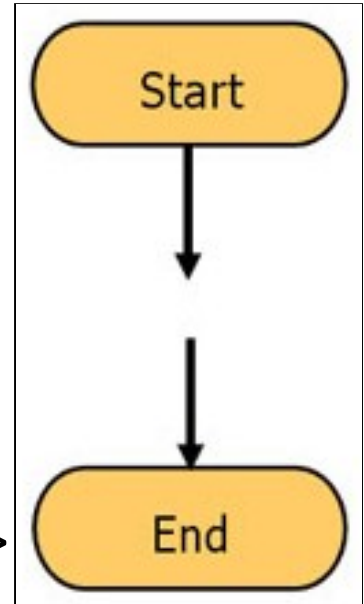
Input or Output

Data Storage

Delay

Drawing Flow Charts

- When drawing a flow diagram, every stage should be listed in a logical order.

- It should neat

- Easy to follow

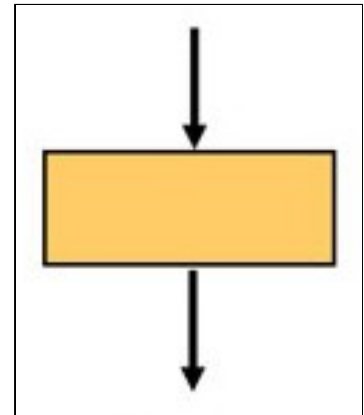- No room for misunderstanding or ambiguity

Drawing Flow Charts

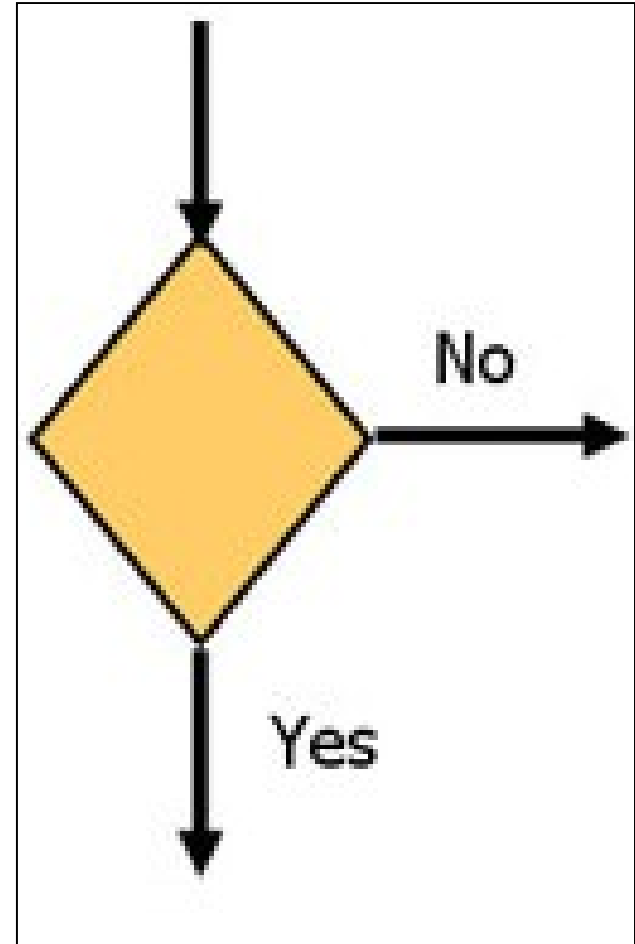All flow charts have a **Start** point using this symbol ->

All flow charts have an **End** point using this symbol ->
This is the 'terminator'. It ends the flow.

All flow charts have at least one process box ->
The direction of flow is one way

Drawing Flow Charts

Only one flow line should enter a decision symbol but two or three lines may leave it depending on the options that can be chosen

Advantages of Flow Charts

- A good way to communicate the details of a task or processes to others

- An excellent way of documenting each stage of the process

- Acts a blue print guiding the programmer through the development

Disadvantages of Flow Charts

- Some tasks are difficult to represent using a flow chart

- If and alteration is made then the flow chart may need to be redrawn

- People need to understand what the symbols mean