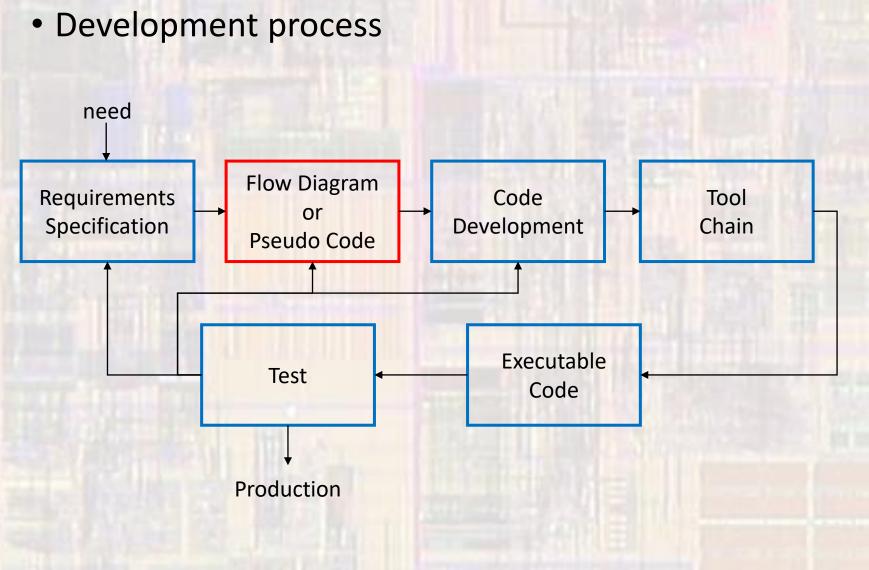
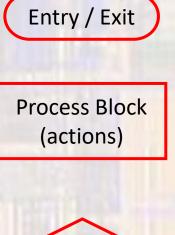
Last updated 6/13/23

These slides introduce Flow Diagrams

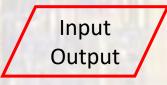


- Program Flow
 - Hierarchical system design
 - Up/Down sub-system design
 - Focus on general structure not too specific

Basic flow diagram blocks







Entry/Exit of this section of the flow diagram

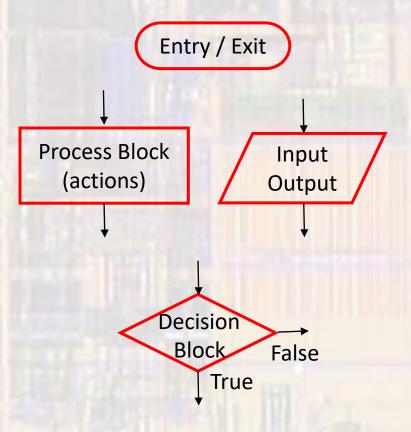
Actions for the program to take Internal to the processor

Flow direction options Y/N or T/F decisions

Actions associated with external entities

- outputs to screen or wires
- inputs from keyboard or wires

Basic flow diagram rules

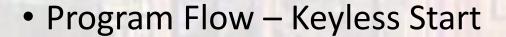


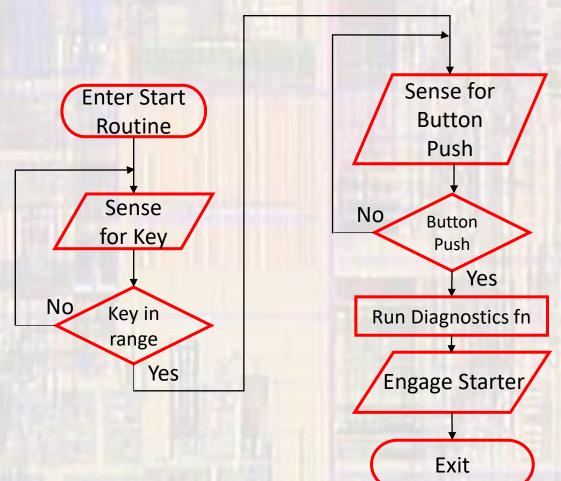
Entry/Exit blocks have only 1 out/in path

Action blocks have 1 input and 1 output

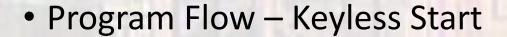
Decision Blocks have 1 input and 2 outputs

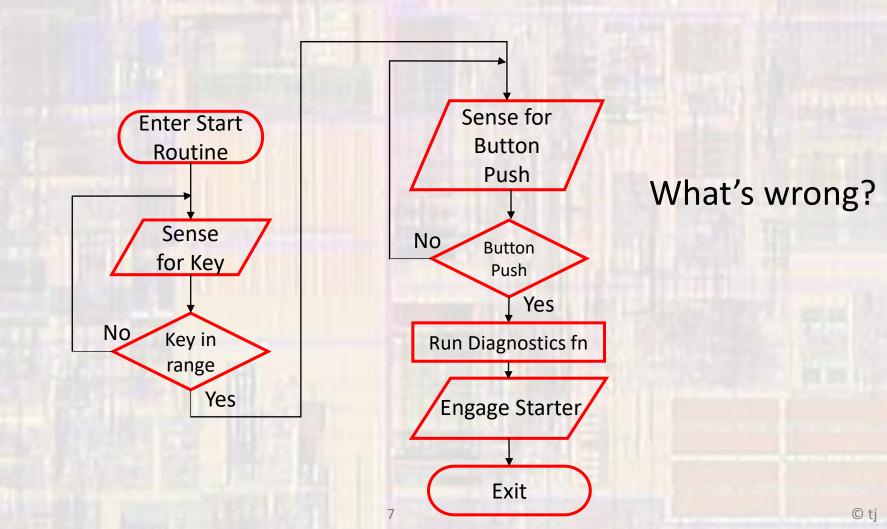
Path connections are made with arrows

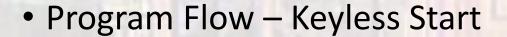


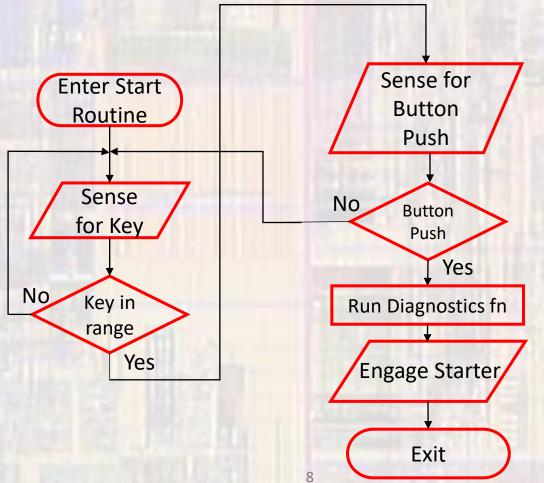


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Pseudo Code – Keyless Start

In an infinite loop:

If Key present If button pushed run diagnostics fn engage starter end end

