CareerDevs - Beginners

Pseudo-code & Flowcharting

* Javascript; Introduction to Computer Science

• Taught by Arnell Millhouse & Cliff Choiniere

> Subject Talk by Matt Curcio

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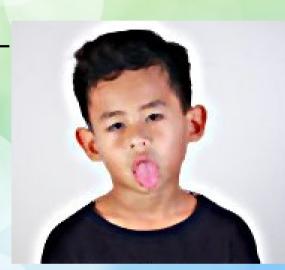
Remember school..

Q1. How to write a paper?

Q2. Jump in? .. OR...
Think about it?

Answer: Obviously, PLAN!

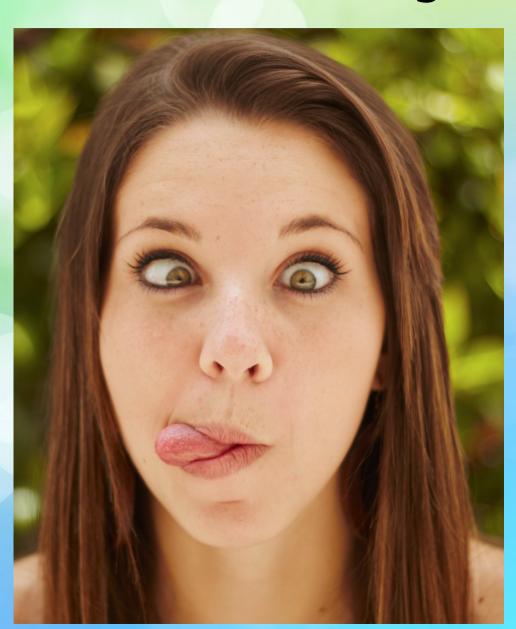
- 1. Use Outlines,
- 2. Use Diagrams, AND
- 3. 'Write' it down...





What do Computer Programmers do?

HOLD IT,
Stop making faces...



Pseudo-code & Flowcharting Your Tools:

Psuedo-Code

- Your Outline,
- Short-handComputer ideas,
- Can be subjective

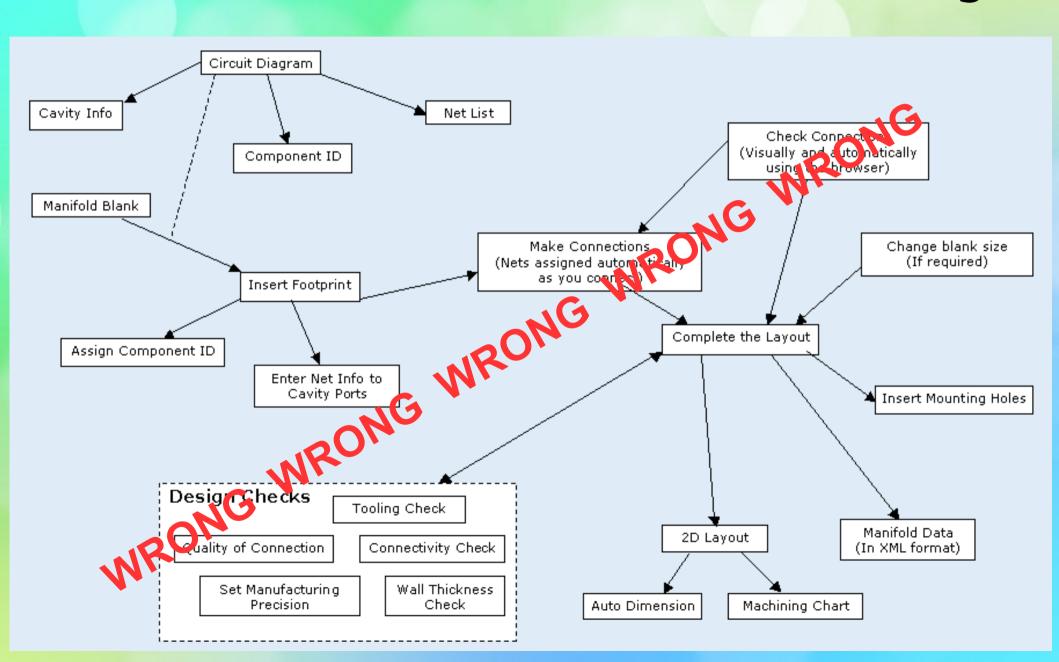
Flow Charts

- Build a diagram,
- Show steps,
- •Show Logic(?)
- Easy to update

Use Common Terms INPUT; SUBMIT, TXT or INT OUTPUT; PRINT, DISPLAY 'String' Set VAR, write Function(s)

Conditions or Conditionals

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WHILE; FOR LOOP; REPEAT - UNTIL, WHILE, IF - THEN - ELSE
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Common Shapes/Symbols

Name of Program

• Oval - Start or Stops

Input/Output

If (x>0)

Function Calculate Tax

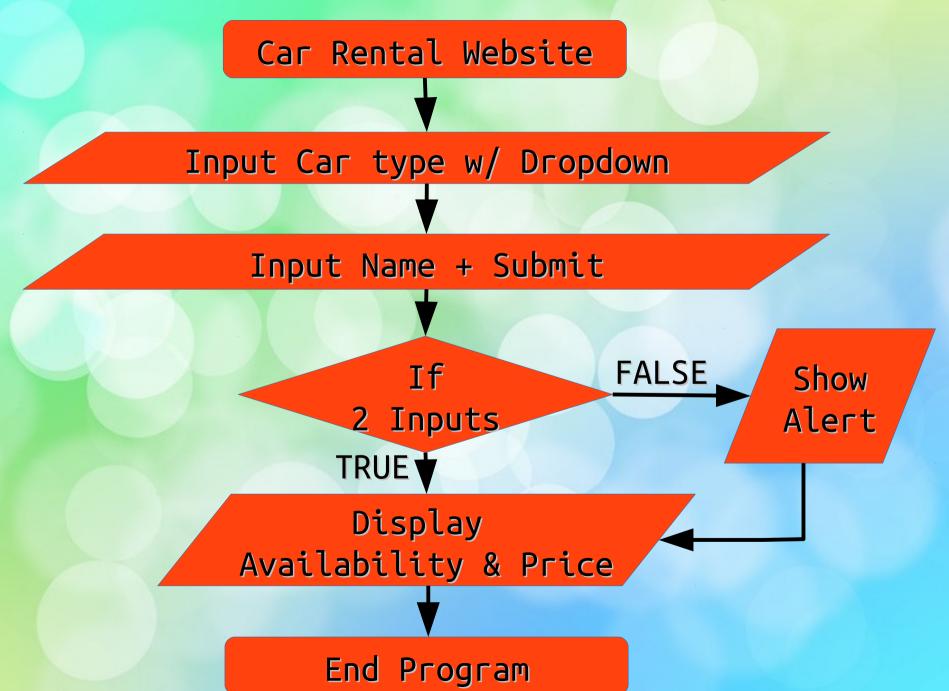
• Parallelogram - I/O

Diamonds - Decisions

Rectangles - Processes

Arrows - Connections

Our Car Rental Example



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Thank You,

Any ideas? Any Questions?