

CareerDevs - Beginners

Pseudo-code & Flowcharting

- Javascript;
Introduction to Computer Science

- Taught by
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- Subject Talk by
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Pseudo-code & Flowcharting

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...



Pseudo-code & Flowcharting

What do
Computer
Programmers do?

HOLD IT,
Stop making faces...



Pseudo-code & Flowcharting

Your Tools:

Pseudo-Code

- Your Outline,
- Short-hand Computer ideas,
- Can be subjective

Flow Charts

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

Pseudo-code & Flowcharting

Use Common Terms

INPUT; SUBMIT, TXT or INT

OUTPUT; PRINT, DISPLAY 'String'

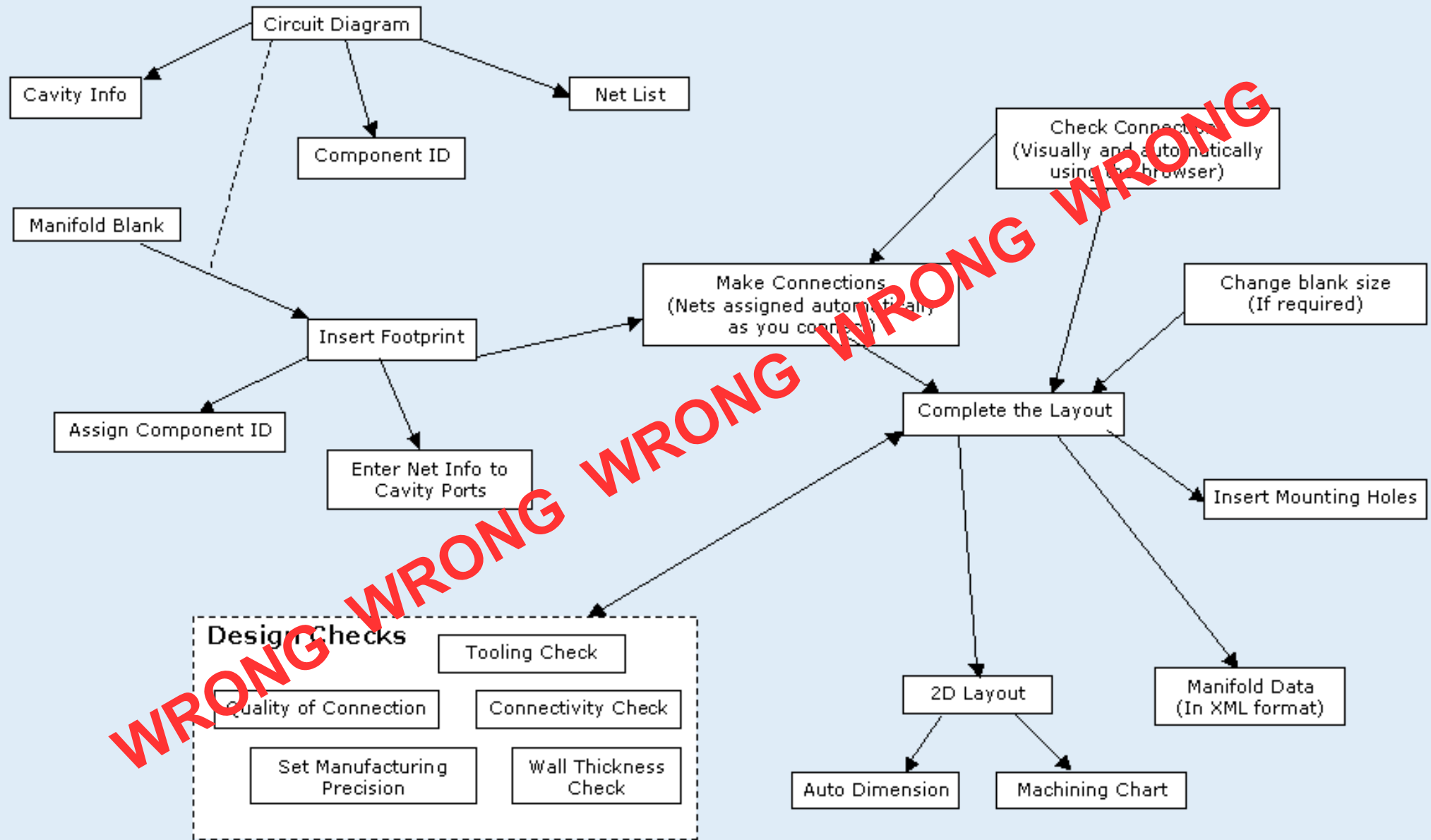
Set VAR, write Function(s)

Conditions or Conditionals

WHILE; FOR LOOP; REPEAT – UNTIL,

WHILE, IF – THEN – ELSE

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Common Shapes/Symbols

Name of Program

Input/Output

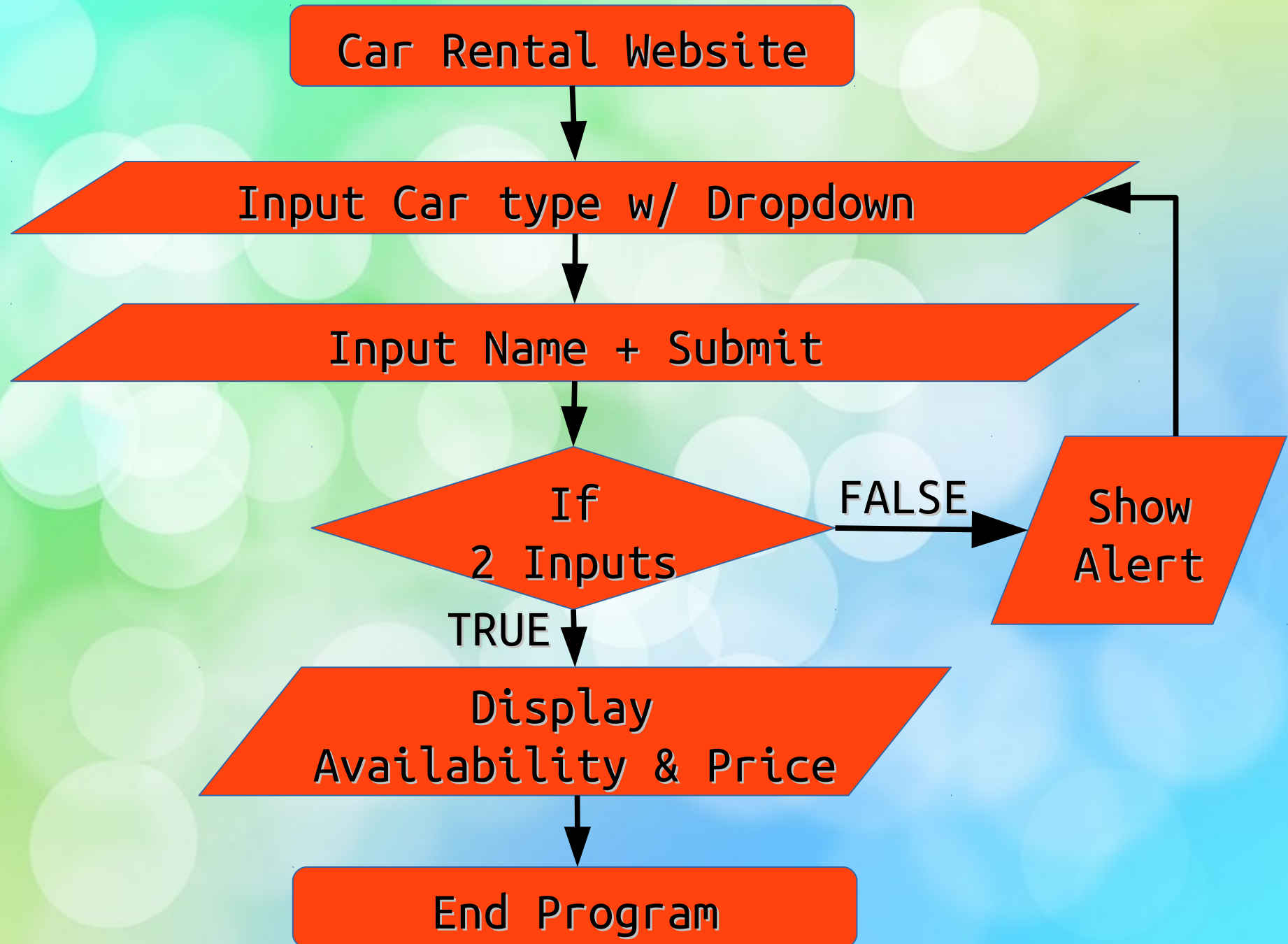
If ($x > 0$)

Function
Calculate Tax



- Oval - Start or Stops
- Parallelogram - I/O
- Diamonds - Decisions
- Rectangles - Processes
- Arrows - Connections

Our Car Rental Example



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- Thank You,

Any ideas? Any Questions?