




# Verification Games

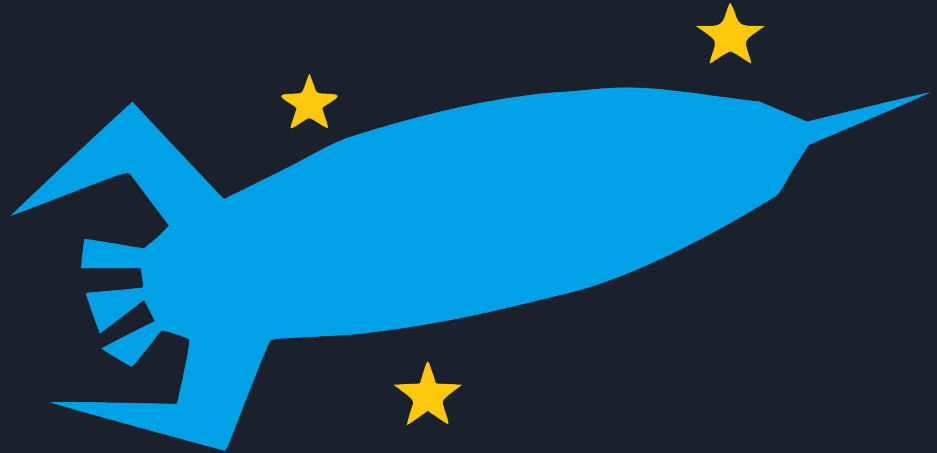
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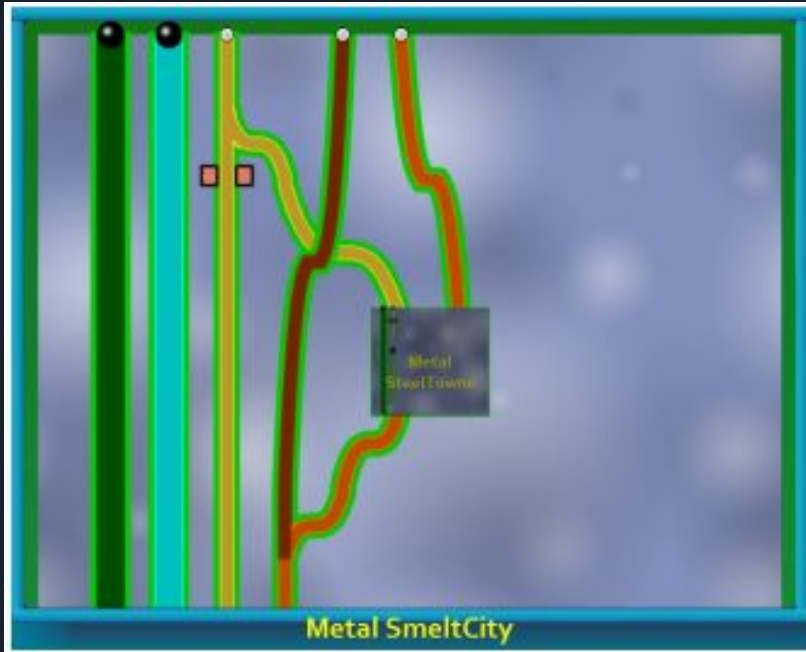
# What is verification? Why is it important?

Verification is the act of assessing the correctness of a program with respect to a certain specification.

Verification lets you know truths about a program that can be valuable when considering the task a program is designed for.



# How is this a game?



Pipe Jam uses the color of the pipes to indicate the width of the pipe.

Widths represent type annotations in the program being evaluated

These annotation represent some specification you want to verify



# What is the problem?

- Scale
- Manage Complexity

