

Experiment 'p_1_10' Results

December 18, 2025

Experiment outcome: SUCCESS

Bad responses: 0

Responses containing assume : 0

Resolution attempts: 1

Hard fails (resolution): 0

Soft fails (resolution): 0

Verification attempts: 1

Problem Specification

Problem name: p_1_10

Natural language statement: Write a method that returns an animal speaking a greeting in ASCII art.

Method signature: p_1_10() returns (s : string)

Ensures

- `s == " /_/_/\ /---\\\n (' ') / Hello \\n (-) | New |\n | | | \\ Coder /\n (__|__) \\-----/\n"`

GenAI interactions

Below you will find all interactions between the ‘user’ (program) and the ‘assistant’ (OpenAI).

Program → GenAI

You are given the following task to perform in Dafny:

Write a method that returns an animal speaking a greeting in ASCII art.

The signature should be:

method p_1_10() returns (s : string)

The method should respect the following contract:

ensures s == " /_/_/\ /---\\n (' ') / Hello \\n (-) | New |n | | | \\ Coder /\n (
 ↪ __|__) \\-----/\n"

Produce and show only the Dafny body of this method, including the curly braces that
 ↪ surround it. Do not show the signature nor contract. You must not use 'assume'
 ↪ anywhere in your code.

GenAI → Program

System fingerprint:

ID: chatcmpl-Co4MK08KKHXMsafAy0889GKO5zReU

Model: gpt-5.1-chat-latest

Created at: 1766049192

Finish reason: stop

Usage: 336 tokens in, and 790 tokens out

```
{  
  s := " /\_/_/\ /---\\n ( ' ' ) / Hello \\n ( - ) | New |n | | | \\ Coder /\n (   
    ↪ __|__ ) \\-----/\n";  
}
```

Final Program

```
method p_1_10() returns (s : string)  
  ensures s == " /\_/_/\ /---\\n ( ' ' ) / Hello \\n ( - ) | New |n | | | \\   
    ↪ Coder /\n ( __|__ ) \\-----/\n"  
{  
  s := " /\_/_/\ /---\\n ( ' ' ) / Hello \\n ( - ) | New |n | | | \\ Coder /\n (   
    ↪ __|__ ) \\-----/\n";  
}
```

Total Token Usage

Input tokens: 336

Output tokens: 790

Reasoning tokens: 704

Sum of 'total tokens': 1126

Experiment Timings

Overall Experiment started at 1766049193764, ended at 1766049203653, lasting 9889ms (9.89 seconds)

Iteration #1 started at 1766049193764, ended at 1766049203653, lasting 9889ms (9.89 seconds)