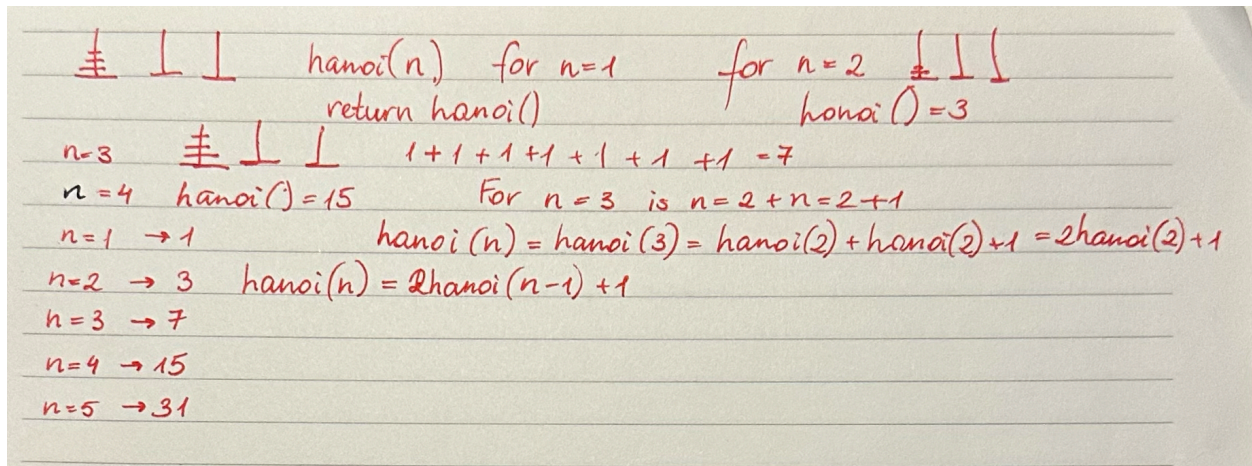


CMPS 3120 Lab

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1. Implement the tower of Hanoi Puzzle problem recursively (Just count the # of moves).



This is how I thought I should implement the tower of Hanoi Puzzle problem recursively:

Function $\text{Hanoi}(n)$:

```
IF  $n = 1$  THEN
    Return 1
ELSE
    Return  $(2 * \text{Hanoi}(n-1) + 1)$ 
```

The C code will be uploaded as a .c file.