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AP Comp Sci

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Vocab Week 11

1. You can figure out what tail recursion does through substitution
2. The tail recursive interpreter evaluates expressions in applicative order.
3. Lisp is a functional programming language that uses tail recursion, meaning it does not use normal order.
4. Lisp uses tail recursion and virtual memory.
5. I used VM’s virtual processor to process the tail recursion
6. I used tail recurrence to solve the recurrence relation problem
7. The substitution was evaluated in applicative order
8. Normal order was used to evaluate the substitution
9. The processor looked up the substitution value in the virtual memory
10. The virtual processor processed the substitution
11. I used substitution to find a recurrence relation
12. In applicative order, all commands are executed, while in normal order, some are ignored.
13. The virtual memory was created using applicative order
14. The virtual processor used applicative order to execute the program
15. The recurrence relation was evaluated in an applicative order environment
16. The virtual memory was created using normal order
17. The virtual processor used normal order to execute the program
18. The recurrence relation was evaluated in an normal order environment
19. The virtual processor uses virtual memory
20. The variables from the recurrence relation are stored in virtual memory
21. The virtual processor processed the recurrence relation