02 January 2025 18:27

Programming Fundamentals

Logic Building - Problem → Convert it to logic → Convert Logic to Code

(1) Shop. Sell chocolates. 1 chocolate = Re 1. Scheme - 3 wrappers ⟹ exchange 1 chocolate

You have Rs 30. Maximum chocolate that you can eat?

Ans - (44) (43) (40)

Rs 30 ⟶ 30 chocolates ⟶ 30 wrappers.

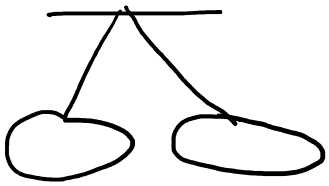
$\frac{30}{3}$ = 10 chocolates ⟶ 10 wrappers

$\frac{10}{3}$ = 3 chocolates ⟶ 3 wrappers + 1 wrapper = 4 wrappers.

$\frac{4}{3}$ = 1 chocolate ⟶ 2 wrappers.

44

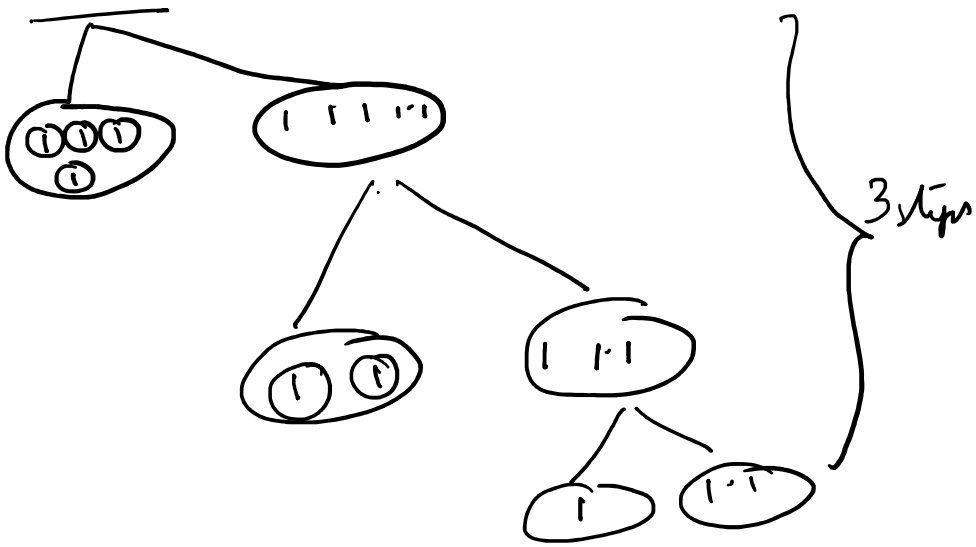
(2) // (1) (1) (1) (1) (1) (1) (1) (1.1)

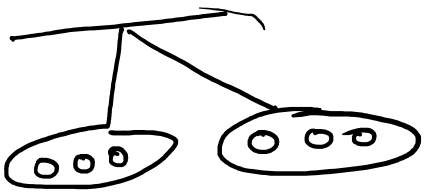


Minimum steps to find the coin with max_weight?

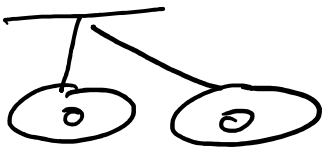
Ans - (4) ×

(3)

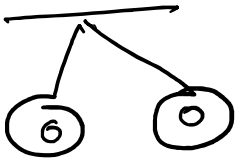




① == equals



② Left side > Right side.



} 1 step

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