FEB 21

Recurssion =

Find nth Fibonacci number 05t 15t 2nd 3rd 6th 5th 6th 0, 1, 1, 2, 3, 5, 8. 9 am

10 am

How to find weather the problem can be solved

1 pm

-> If smaller version of the problem exists

hore fore,

Fibo(N) = Fibo(N-1) + Fibo(N-2) 3 pm > Fibo(N-1) - Fibo(N-2) + fibo(N-3) 4 pm

5 pm

evening

Recurssion in a formula is called Sunday 17 recurrence relation

7 pm

JANUARY 2021 M I W I F S S M I W I F S I 2 3 4 5 6 7 8 9 1 1 12 13 14 15 16 17 18 19 20 21 22 23 24 Recurssion Treci-1 Fibo(5) Fibo(3) (3) F(3) + F(2)11 am (8) F(1) + F(0) (Break it down to small prob (4) F(2) + (F(1) (7) (5) 17(1) F(0)) The Base condition is represented by answer we already hove. 2 pm Steps do approach a problemi 1) Identify if you can break any problem to smaller evening problem 2) Write the recurrence relation if needed Draw the recursion dru Abov the dru = -> See the flow of functions, and how

Life is just a bowl of cherries

04 Wk / 019-346 FEB' 21 they are stored in stach lest tree calls and right free ·> See how values are returned at each come up with solution tvo Junction II am of voriable in recursion > Argument No int 2 pm if (n < 2 return n; (fibo(n-2) + fibo(n-1) 5 pm which is returned evening 7 pm