Mamematics 11 Prime or Not [2, 3,5,7,11,13,17] port Jactors are on 19 W Jusing for 100p for 2 ho N-1 sefficient. if no . jactor is mes 2 -> In (acb) a SEN using for loop 2 to [N 1 mod Man N=311 loop till 30 por In now, we can remove all even men except? 1 2 3 × 15 6 7 × 8 × 10 11 × 26 25 28 24 28 30

Date 1 / Page No. pair so me him complexity will be same but code will be just Print all divisors of N N=30 1.... N for loop % = = 0 yes; - T. C. O(n) B(n) efficent: for loop till I'm the multiple of one divisor for no. will also be the divisor sorted roay: male 2 worps

?=! ?= 5 O(Vn) 2 3 3 4 4 2 2 - 6 Jahren - - - Wind Sieve of Evalosthenes print prime no. Juan 6 for bop and declipsine Li7. (. 0 (hvn) = 0 (n312) 11,12,13,14,15, 16, 17, 18, 19, 10 11,12,13,14,15, 16, 17, 18, 15, 20 Nice Loolean array with: with m= true & until In work you

tast Power, (alc Porda, b) Mam. Pow (3,4) = 34.81 1. Ju podb p 0(6) 3×3×3×3 ab - ab/2 x ab/2 20 bodd = a 1/2 × a 1/2 × a Dry vun

(3,5) pul = 9 × 9 × 9 × 3

(3,5) pul = 9 × 9 × 9 × 3

Nay = (3,2) - hay = 3

hay = (3,2) - pul = 3 × 3

hay = (3,1) - hay = 1 nay = (3,1)

171 1=0) | T= |x| -1 | T= | X3 = 3 hay = (3,0) n't : 1(0(logn) [h= logn] strate as helper