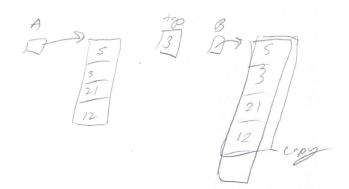
aven Wint 8 = Man Queva Clint (). Srend back D res nex X huy

Crp 338 gidiavivi O; a Queva Sicnal Mulchy a Stack and 5/20 (nuse 5/2) PUBNIC CLOSS SPACIE IN+ DrNate At IJA; PUBLIC STACKING (My Size) A = n + w h + (5/21); 3 Take the thead



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Sercint Seo 1 1< A. Linday (ith

B(1) = A(1)

A=B.

PUBLIC VOID USIZE()

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in + [] b = nen In + [A, Irogti + 1];

Sox (Int I = 0; i < A, Irogti, \$th)

BEIS = A[;]

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Aftip]=Y

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The Sze By	Acrony size after each reste ependin! (copy county)
1	1 2 3 4 5 6 7 8 9 16 + + 1023 = 1025 (10204)
Double	1 2 48 15 32 54 128 255 512 = 1023
	2n-1

0 G00 T4 100 1 001 5 101 2 010 6 110		
3 011 7111	n2+5	2 %
1000	500,5000	1997
1000,000	~10 ¹² ~ 10 ¹⁸	2×10 ⁵ -1 2×10 ⁹ -1

 $A = 1 = \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{18} + \frac{1}{32} + \frac{1}{250} + \frac{1}{512}$ 511 = 356 + 69 + 32 + 18 + 8 + 4 + 2 + 1Endful

$$1 + 3 + 9 + 27 + 81 + 243 = 1.5 n - 1$$

$$2 n - 1 > \Theta(n)$$

Public void roser()

E ph E J B = hin mt [A, lighth . 42];

Ser Cinil [=0] (A.linh, A)

BEIJ = ACIJ

A=B;