20	Met the	6188+ e	lements	be	<u>a</u>	⇒	mean=11-a& N-1.
915	as we get	more e	loments	we	get	a	change in mean,

$$M_{p} = \frac{1}{N} \sum_{i=1}^{N} x_{i}^{i}, \quad M_{N+1} = \frac{1}{N+1} \sum_{i=1}^{N+1} x_{i}^{i}$$

$$= \frac{1}{N+1} \sum_{i=1}^{N+1} o(i) - \frac{1}{N} \left(\sum_{i=1}^{N} o(i) \right)$$

$$= N \sum_{n+1}^{(n+1)} x_{n}^{(n+1)} - (N+1) \sum_{n=1}^{(n+1)} x_{n}^{(n+1)}$$

N(N+1)

$$= N \times \alpha_i + N \times \alpha_{i+1} - N \times \alpha_i + N \times \alpha_i$$

(N+1) N

$$= \frac{1}{N} \left(\frac{1}{N} + \frac{1}{N} - \frac{1}{N} \right)$$

=>Md = 2(N+1-1/D)

	Δ) 110 0							
之	Slgorithms.							
	box mean.							
	if a is the first element.							
	Sum = a							
	$\mathcal{N} = 1$ $\mathcal{U}_{+} = 0$							
	else							
	$\frac{4+=a-4}{N+1}$							
	· · · · · · · · · · · · · · · · · · ·							
	por covatiance							
	Do Congriding							
	ib a is the first clement							
	$\sigma_{N}^{2} = \sigma$							
	N = 1.							
	$\mathcal{U} = Q$							
	4 complex (A) and considerity)							
	else							
	$\sigma_{NH}^{2} = N\sigma_{N}^{2} + q^{2} - 4q^{2}$							
	N+1 - N+1							
	104							
	lax man had den't leave to social do the man ?							
D)	for mean, we don't have to recalculate the mean							
	Coursiance again & again box the window.							
	UN = UN-1 + XN-XN-M + OUT 10 100							
	M							
	Church - hill of the later than							
	$\mathcal{S}=\emptyset$							



