Q1. Compute the probabilities of the two sequences with and without Laplace smoothing.

Wi	$C(\omega_i)$	$w_{i-1} \omega_i = C(\omega_{i-1}, \omega_i) \operatorname{Prob}[\omega_i \omega_{i-1}]$
0	1000	△ today 3 0.003
today	1250	today the 4 0.16
the	1350	the big 210 0.155
big	320	big deal 11 0.034
deal	15	deal s 1 0.2
Δ	1000	△the 580 0.58
the	1350	the stack 8 0.0059
stock	25	stack 1s 2 0.08
21	132	is decu o
decreasme	9 0	De marine sora

l.b. 11.	C Civ. IVV	C(1) \ 1\(1)	0 1 5 2 11 7	Previously
Min, Wi	C(Win, Wi)	C(414)+ 1V1	Prob[Wilkin]	ř
○ today	. 341	1000+555	0.0025	0.003
today the	4+1	25 +555	0.0086	O-16
the big	210+1	1350+555	0-110	0.155
big deal	11+1	320 + 555	0.01	0.034
deal s	1+1	15 + 555	0.0035	0.2
△ the	580+1	1000 + 555	0.373	0.58
the stock	8+1	1350 + 555	0.004	0.005
stock is	2+1	25 + 555	0.005	0.08
is decreasing	0+1	132 + 555	0.001	0
600	3 . 0	a toky	9001	