Input Sentence:

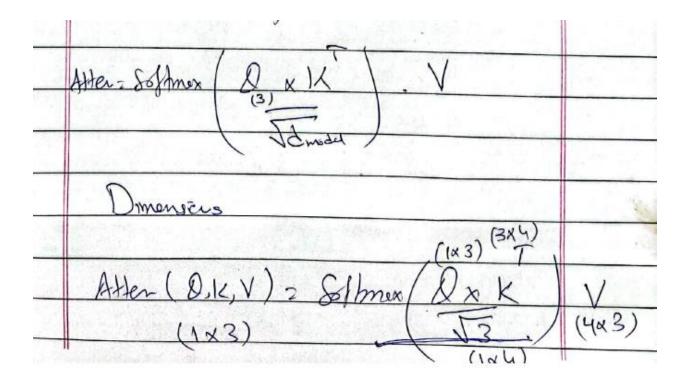
[0.3,0.4,0.7]	This
[0.1,0.2,0.7]	is
[0.2,0.2,0.8]	а
[0.3,0.7,0.8]	book

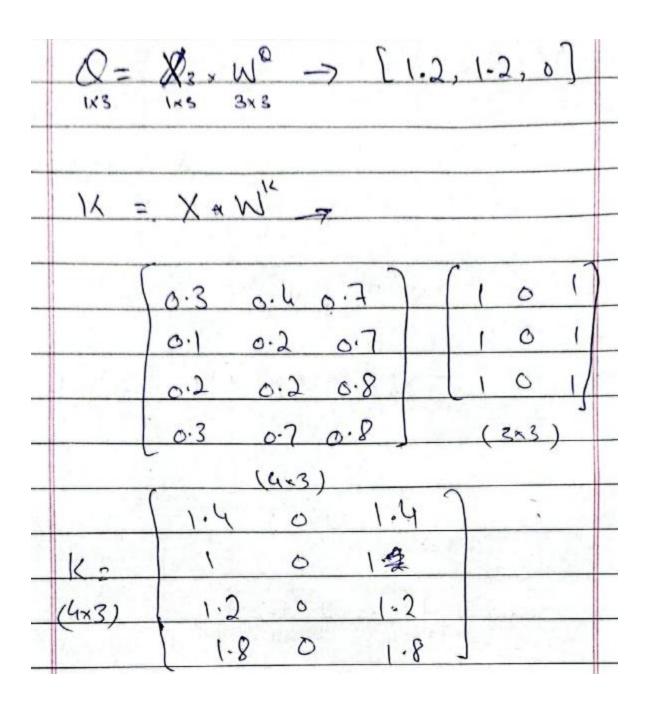
	W^Q	
1	1	0
1	1	0
1	1	0

W^{K}			
1	0	1	
1	0	1	
1	0	1	

	W	
0	1	1
0	1	1
0	1	1

Compute self-attention for the 3rd word.





	(0	1-4	1.4
V=	0	1	1
(4×3)	0	1-2	1.2
	0	1.8	1.8

QxKT =7 (1.2,1.2	,0] [1.4 1 1.2 1.8
[x3	0000
	(1.4 1 12 1.8)
	384
= (1.68,1	.2, 1.44, 2.16)
DxKT2 [0.97	t, 0.69, 0.83, 1.25]
\ 3	
Softmax (QxKT) 2 [0-2	5, 0.19, 0.22, 0.33]
[\(\sqrt{3} \)	

Softmex (OxICT). V (1x4) (4x3))		
<u>- [0.25, 0.19, 0.22, 0.33]</u>	6	1.4	1.4
(1×7)	0	1	1
	0	1.2	1.2
	0	1.8	1.8
	1	(4+3)	
· (0, 1.398, 1.	398	?]	