	H5
	P= stage 1 stage 2 stage 3 — current state
stage	1 ( 0.5
stage	2 0.4 0.5 0.5
stage	3 (0.1 0.2 0.5)
Next 5	tat e
2.	stage 1 today  105 20.4 Si's tomorrow  20.4 205 205 the day after tomorrow
	10.4 33 tomorrow
	10.4 205 the day after tomorrow
	P 12 = 05x0.4+0.4x05+0.1x05
	= 0.2+0.2+0.05
	=0.45 = 45%
3	Á=RAR-
	A"=(RAR")"
	A= RA^R-1 A= [0.0697 0.4304
	A = [ 1 0.047 0 = [ 2 38] for initial
	77217 710 7100
	A^= [-0.4699 -0.5551 -0.7801] [0.00] -0.7832 0.7961 0.1813 [0.00] -0.7832 0.7961 0.1813 [0.00] -0.4072 -0.241 0.5988
	0.28302 0.26302 0.38302
	= (0.47172 0.47172 0.47172 0.24526)
	Thus P= 0.28302
	P2 = 0.47172
	P3 =0.24526