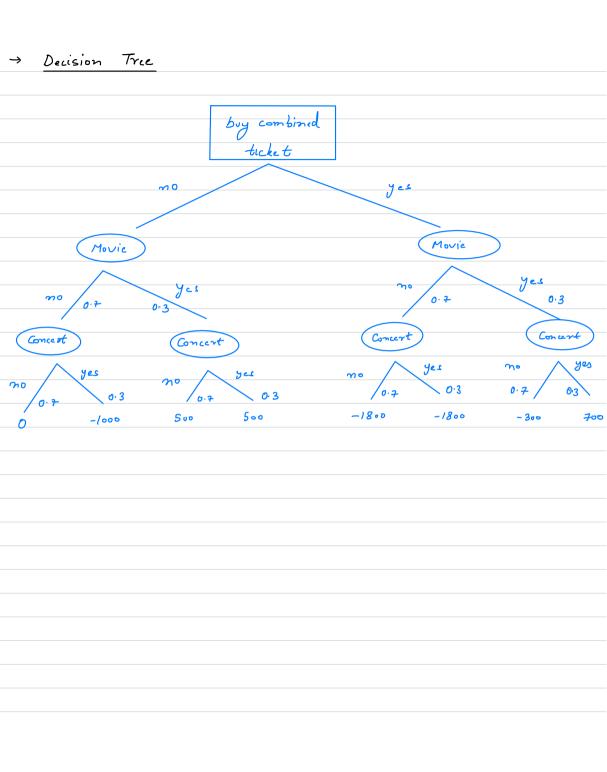
⇒ We should buy combined ticket



<i>→</i> <u>a</u>	yhen ce	om bined pro	bability is o	. 4	•			
	Probabile.	h of finding	time: 0.4					
	Cost	y of finding (single ticket)	~ Rs 1.000					
	Cost	(combined) =	Re 1800					
				500				
	Value of going to movie = Rs 1,500 M: Movie							
					C: Concert			
option		м, с	М, 7 С	¬м,с	пм, п С			
		(p = 0.16)	(P = 0.24)	(p=0.24)	(p=0.36)			
Combined	Cost	/800	1800	1800	1800			
	Cost Value	2 50 0	1500	0	0			
	Total	700	-300	-1800	-1800			
	Cost	2000	1000	1000	D			
Sing le	Value	2500	1500	0	0			
	Total	500	500	-1000	0			
Expected value of buying combined ticket =								
	$= 0.16 \times $ $= -256$	700 + 0.24 x -	300 + 024 x -)80° y 0.36	× (- 1800)			
	2 (0)	,						
Enbecto	d volue of	l buying sincle	ticket =					
Expected value of buying single ticket = _ 0.16 × 500 + 0.24 × 500 + 0.24 × (-1000) + 0.36 × 0								
= -40								
> We should buy single ticket								

