				Prob	olem #3, a, 7	Transition - Pa	airing Testing	J.						
States	S0, S1, S2,	S3, S4		1700				•						
State				ate S1		State			State S3			State S4		
In	Out		In	Out		In	Out		In	Out		In	Out	
T1 T4			T2	T3		T3	T4 T6		T5 T6	T7 T10		T8 T10	T8 T9	
T7	T2			T5			16		16	110		110	T11	
T9	12												111	
T11														
Pairs	Covered Testcases		Pairs	Covered Testcases		Pairs	Covered Testcases		Pairs	Covered Testcases		Pairs	Covered Testcases	
(T1, T2)	1		(T2, T3)	1		(T3, T4)	3		(T5, T7)	3		(T8, T8)	2	
(T4, T2)	3		(T2, T5)	1		(T3, T6)	1		(T5, T10)	1		(T8, T9)	2	
(T7, T2)	3								(T6, T7)	2		(T8, T11)	1	
(T9, T2)	2								(T6, T10)	1		(T10, T8)	1	
(T11, T2)	1											(T10, T9)	3	
					т.	tal there are 10 4	roncition noi	for the given EFS	M Model			(T10, T11)	I	
Toot Cons					10	tai mere are 19 ti	ansition pairs	ioi die given EFS	IVI IVIOUCI					
Test Cases Testcase #1	Activate(8)	Start()	Cradito	Annervado	StartPump()	PumpGallon()	Ston	Start()	Cash(20)	StartPump()	Ston			
Covered						rumpGanon()	Stop()	Start()	Cash(20)	Startrump()	Stop()			
Transitions	T1, T2	T3, T6, T10	0, T8, T11,	T2, T5, T10,	T11									
Transitions														
Testcase #2	Activate(8)	Start()	Credit()	Approved()	Cancel()	Start()	Cash(20)	StartPump()	PumpGallon()	PumpGallon()	PumpGallon()	Start()	Credit()	Reject()
Covered	T1 T2 T3	T6 T7 T2	T5 T10 T	T8, T8, T9, T2	T3 T4									
Transitions	11, 12, 13,	10, 17, 12,	13, 110, 1	. 0, 10, 17, 12	., 15, 17									
Tr. 4 1/2	4 1 1 (0)	G((0)	G 150	D : (0	G. 10	G 1(10)	G 10	G: :0	0.1(5)	G. D. O	D C 11 0			
Testcase #3 Covered	Activate(8)	Start()	Credit()		Start()	Cash(10)	Cancel()	Start()	Cash(5)	StartPump()	PumpGallon()			
Transitions	T1, T	2, T3, T4, T	2, T5, T7,	T2, T5, T10,	Т9									
1141191110119														
							Problem #3.	b. Default - T	ransition Testing					
Default transitions in State S0		Activate(a)	Credit()	Reject()	Cancel()	Approved()	Cash(c)	StartPump()	PumpGallon()	Stop()				
Testcase #1	Activate(8)	Activate(2	Credit()	Reject()	Cancel()	Approved()	Cash(5)	StartPump()	PumpGallon()	Stop()				
			, ,,		V		,							
Default transitions in State S1			Start()	Reject()	Cancel()	Approved()	Cash(c) [c<= 0]	StartPump()	PumpGallon()	Stop()	Activate(a)			
Testcase #2	Activate(8)	Start()	Start()	Reject()	Cancel()	Approved()	Cash(0)	StartPump()	PumpGallon()	Stop()	Activate(2)			
Default transitions				Start()	Credit()	Cancel()	Cash(c)	StartPump()	PumpGallon()	Stop()	Activate(a)			
in State S2 Testcase #3	Activate(8)	Start()	Credit()	Start()	Credit()	Cancel()	Cash(5)	StartPump()	PumpGallon()	StonO	Activate(2)			
1 USICASE #3	Activate(o)	Start()	Credit()	Start()	Creuit()	Canceiti	Casii(3)	Starti ump()	ւ աարտասա()	Stop()	Activate(2)			
Default transitions in State S3					Start()	Credit()	Reject()	Approved()	Cash(c)	PumpGallon()	Stop()	Activate(a)		
Testcase #4	Activate(8)	Start()	Credit()	Approved()	Start()	Credit()	Reject()	Approved()	Cash(4)	PumpGallon()	Stop()	Activate(2)		
	(2)			11 -0			.,	FF	()	, p = 1 10 10		, , , ,		
Default transitions in State S4					Start()	Credit()	Reject()	Cancel()	Approved()	Cash(c)	StartPump()	PumpGallon()[(w==0)& &(cash == price*(G+1))]	Activate(a)	
Testcase #5	Activate(8)	Start()	Cash(8)	StartPump()	Start()	Credit()	Reject()	Cancel()	Approved()	Cash(4)	StartPump()	PumpGallon()	Activate(2)	
												,		
Default transitions	Start()	Credit()	Cancel()	Cash(c)	StartPump()	PumpGallon()	Stop()	Activate(a)[a<=0]	Reject()	Approved()				
in Start State							- "							
Testcase #6	Start()	Credit()	Cancel()	Cash(0)	StartPump()	PumpGallon()	Stop()	Activate(0)	Reject()	Approved()				