Jan Colee	n Estilo																
ST-7L - Ex	kercise 11																
Clock Cyc																	
	on Status																
Instruction Sta		j	k		Issue	Exec Comp	Write Result					Busy	Address				
LD	F6	1+	R1				VIIIO I IOGAI				Load1	No	7 1441 000				
LD	F5	9+	R2								Load2	No					
LD	F3	97+	R3								Load3	No					
MUL	F3	F1	R2								Loudo	110					
ADD	F5	F4	R3														
ADD	F6	F4	R1														
ADD	F10	F5	R6														
ADD	1 10	13	110														
Reserva	tion Statu	IS		S1	S2	RS for j	RS for k										
Time	Name	Busy	Ор	Vj	Vk	Qj	Qk										
0	Add1																
0	Add2																
0	Add3																
	Mult1																
	Mult2																
0	Mult3																
		<u> </u>															
	Result S																
Clock		F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15
C	FU																
Clock Cyc	do O																
	on Status																
			1.		1	Exec Comp	Write Result					Duran	Address				
Instruction Sta		j	k		Issue 1						114	Busy	Address				
LD	F6 F5	1+ 9+	R1 R2		2		2 3				Load1 Load2	No No					
LD	F3	97+	R2 R3		3		4 5				Load2 Load3	No					
MUL	F3	97+ F1	R3			5-	7	'			Luaus	INU					
ADD	F5	F4	R2 R3		5		0										
ADD	F6	F4	R3 R1			7-	U										
ADD	F10	F5	R6			8-											
,,,,,,	1.15		1.0		,												
Reserva	tion Statu	IS		S1	S2	RS for j	RS for k										
Time	Name	Busy	Ор	Vj	Vk	Qj	Qk										
C	Add1	No		1		-											
	Add2	Yes	ADD	R(F4)	R1												
	Add3	Yes	ADD	R(F5)	R6												

4	Mult1	Yes	MUL	R(F1)	R2												
0	Mult2	No															
0	Mult3	No															
Register	Result S	tatus															
Clock		F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15
9	FU				Mult1			Add2				Add3					
Clock Cycl	e 15																
Instruction																	
truction Sta	tus	j	k		Issue	Exec Comp	Write Result					Busy	Address				
LD	F6	1+	R1		1	2	3				Load1	No					
LD	F5	9+	R2		2	3	4				Load2	No					
LD	F3	97+	R3		3	4					Load3	No					
MUL	F3	F1	R2		4	5-14											
ADD	F5	F4	R3		5	6-10											
ADD	F6	F4	R1		6												
ADD	F10	F5	R6		7	8-12	13										
Reservat	tion Statu	IS		S1	S2	RS for j	RS for k										
Time	Name	Busy	Op	Vj	Vk	Qj	Qk										
0	Add1	No															
0	Add2	No															
	Add3	No															
	Mult1	No															
	Mult2	No															
0	Mult3	No															
Register	Result S	tatus															
Clock		F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	F14	F15
15	FU																