INSTRUCTION LIST :

LD F6 34(R2) LD F2 45(R3) MULTD F0 F2 F4 SUBD F8 F6 F2 DIVD F10 F0 F6 ADDD F6 F8 F2

Clock cycle : 0

Qi					T	IMING TABLE					
1 LD F2 45(R3)	PC	~~~~	INSTRU	~~~~~~~ JCTION	ISSUED		RTED	~~~~~~~ FIN	ISHED	 Write	CDB
2 MULTO F0 F2 F4	0		LD F6	34(R2)	-		-		-	-	
3 SUBD F8 F6 F2	1		LD F2	45(R3)	-		-		-	-	
## ADDD F10 F0 F6	2				-		-		-	-	
Reservation Station	3				-		-		-	-	
Reservation Station	4				-		-		-	-	
Time left Tag OP Busy valueJ valueK Qj Qk Add0 False 0 0 Add1 False 0 0 Add2 False 0 0 Mult0 False 0 0 Mult1 False 0 0 Fime left Tag Busy Address Load0 False Load1 False Load2 False Load3 False Load4 False Load4 False Load5 False Coad5 False Load5 False	5		ADDD F6 F8 F2		-		-		-	-	
Add0	·~~~~~	~~~~	~~~~~~	~~~~~~~	Reserv	vation Station		~~~~~~	~~~~~~	.~~~~~	~~~~~~
Add0	Time lef	~~~~~ t	Tag	~~~~~~ OP	~~~~~~~ Busv	~~~~~~~~~~ aufay		valueK	~~~~~~~~ 0i	~~~~~~	~~~~~~ Ok
Add1		-		٠.			-		۲.۶		-C
Add2											
Mult1 False 0 0 0								0			
Load Station Fime left Tag Busy Address Load0 False Load1 False Load2 False Load3 False Load4 False Load5 False Out Register Amme F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 Qi								0			
Time left Tag Busy Address Load0 False Load1 False Load2 False Load3 False Load4 False Load5 False Vamme F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 Qi			Mult1		False	0		0			
Time left Tag Busy Address Load0 False Load1 False Load2 False Load3 False Load4 False Load5 False Register Wame F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 Qi		~~~~~	Load	~~~~~~~ d Station	~~~~~~~~	~~~					
Load0 False Load1 False Load2 False Load3 False Load4 False Load5 False Register Amme F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 Qi	~~~~~~ T: 1 - C	~~~~~				-					
Load1 False Load2 False Load3 False Load4 False Load5 False Register Wame F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 Qi	ilme let	τ			Address	5					
Load2 False Load3 False Load4 False Load5 False											
Load3 False Load4 False Load5 False											
Load4 False Load5 False											
Load5 False											
Register											
vaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa			20003	1 4136							
Name F0 F1 F2 F3 F4 F5 F6 F7 F8 F9 Qi	·~~~~~	~~~~~	~~~~~~~	~~~~~~~	~~~~~~~	•	.~~~~~	~~~~~~	~~~~~~	~~~~~	~~~~~~
	Name										~~~~~
	/alue	6.0	0.0	3.5	0.0 10	.0 0.0	0.0	0.0	7.8	0.0	

Clock cycle : 1

PC : 0

NEXT FP INSTRUCTION TO BE ISSUED: 'LD F6 34(R2)'

		TIMIN	G TABLE		
		~~~~~~~~~	~~~~~~~~~~~~		
PC	INSTRUCTION	ISSUED	STARTED	FINISHED	Write CDB
0	LD F6 34(R2)	1	-	-	-
1	LD F2 45(R3)	-	-	-	-
2	MULTD F0 F2 F4	-	-	-	-
3	SUBD F8 F6 F2	-	-	-	-
4	DIVD F10 F0 F6	-	-	-	-
5	ADDD F6 F8 F2	-	-	-	-
			~~~~~~~~~		
		Reservati	on Station		
~~~~~~		Reservati	on Station		
~~~~~~		Reservation	on Station		
	Tag OP	Reservati Reservati Busy	on Station ~~~~~~~ valueJ	valueK Qj	
~~~~~~~	Tag OP	Reservati Reservati Busy False	on Station ~~~~~~~ valueJ	valueK Qj	
~~~~~~~	Tag OP Add0 Add1	Reservati Busy False False	on Station ~~~~~~~ valueJ	valueK Qj 0	

~~~~~~~~~~	~~~~~~~~~	~~~~~~~~~	~~~~~~~~
Time left	Tag	Busy	Address
2	Load0	True	34+R2
	Load1	False	
	Load2	False	
	Load3	False	
	Load4	False	
	Load5	False	

~~~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~~~
					Regi	ster					
~~~~~~		~~~~~~	,~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~~	
Name	FØ	F1	F2	F3	F4	F5	F6	F7	F8	F9	
Qi							Load0				
Value	6.0	0.0	3.5	0.0	10.0	0.0	0.0	0.0	7.8	0.0	

Clock cycle : 2

PC : 1

NEXT FP INSTRUCTION TO BE ISSUED: 'LD F2 45(R3)'

					TABLE					
-~~~~~ PC	~~~~~~~~~ INST	RUCTION		~~~~~~ SUED	START	~~~~~ ED	FIN	 ISHED	~~~~~~~ Write	 CDB
0	LD F	6 34(R2)	-	L	2			-	-	
1	LD F	2 45(R3)	2	2	_			-	-	
2	MULTD	F0 F2 F4		-	-			-	-	•
3		SUBD F8 F6 F2 -			-			-	-	-
4		F10 F0 F6		-	-			-	-	-
5	ADDD	ADDD F6 F8 F2			-			-	-	-
~~~~~	~~~~~~~~			 Reservatio		~~~~~		~~~~~~	~~~~~	.~~~~~
~~~~~~ Time left	~~~~~~~ Tag	~~~~~~~~ OP	~~~~~	 Busy	valueJ	~~~~~	valueK	~~~~~~ Qj	~~~~~	 Qk
	Add0			False	0		0	£J		·
	Add1			False	0		0			
	Add2			False	0		0			
	Mult0			False	0		0			
	Mult1			False	0		0			
~~~~~	Lo	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		·~~~~						
~~~~~~ Time left		Busy		Address						
1	Load0	True		34+R2						
2	Load1	True		45+R3						
	Load2	False								
	Load3	False								
	Load4	False								
	Load5	False								
.~~~~~	~~~~~~~~	~~~~~~				~~~~~	~~~~~~	~~~~~~	~~~~~~	.~~~~~
Name	~~~~~~~ F0 F1	F2		_		~~~~~ F6	F7		~~~~~~ F9	~~~~~
Qi		Load1				Load0				
/alue	6.0 0.0	3.5	0.0	10.0	0.0	0.0	0.0	7.8	0.0	

Clock cycle : 3

PC : 2

NEXT FP INSTRUCTION TO BE ISSUED: 'MULTD F0 F2 F4'

Instruction 'MULTD F0 F2 F4' ISSUED at clock 3 in 'Mult0'
Instruction 'LD F2 45(R3)' STARTED at clock 3 in 'Load1'

		TIMING	G TABLE		
~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~	~~~~~~~~~~~~	~~~~~~~~~	~~~~~~~~~~~~~~~~~~~
PC	INSTRUCTION	ISSUED	STARTED	FINISHED	Write CDB
0	LD F6 34(R2)	1	2	-	-
1	LD F2 45(R3)	2	3	-	-

3 4 5	SUBD F DIVD F	F0 F2 F4 F8 F6 F2 F10 F0 F6 F6 F8 F2		3 - - -	- - - -			- - -	- - -	
~~~~~~			~~~~~	~~~~~~ Reservatio	on Station	~~~~~	,~~~~~~~	~~~~~~	~~~~~~~~~~	~~~
Time left	Tag Add0 Add1 Add2 Mult0 Mult1	OP MULTD		Busy False False False True False	valueJ 0 0 0 3.5 0	~~~~	valueK 0 0 0 10.0	Qj Load1	Qk	~~~
~~~~~~	.~~~~~~~ Loa	 ad Station	~~~~~	~~~~~						
Time left 0 1	Tag Load0 Load1 Load2 Load3 Load4 Load5	Busy True True False False False		Address 34+R2 45+R3						
~~~~~~			~~~~~	~~~~~~ Regi	.ster	~~~~~	,~~~~~~~	·~~~~~~	~~~~~~~~~~	~~~
		F2 Load1	F3	~~~~~~~ F4	F5	F6 Load0	F7	F8	F9	~~~
alue 6	0.0	3.5	0.0	10.0	0.0	0.0	0.0	7.8	0.0	
	CTION TO BE ISS									
truction 'S truction 'L		ISSUED at cloc	ck 4 in ock 4 in	'Add0' 'Load0' ~~~~~~	TABLE	~~~~	~~~~~~~		~~~~~~~~~~~~~~~~~	~~~
truction 'S truction 'L ~~~~~~ PC	SUBD F8 F6 F2' I D F6 34(R2)' F1	ESSUED at clockinished at cloc	ck 4 in ock 4 in	'Add0' 'Load0' ~~~~~~	TABLE	  ED			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
truction 'S truction 'L 	SUBD F8 F6 F2' I D F6 34(R2)' F1 INSTR	ESSUED at clockinished at cloc	ck 4 in ock 4 in ock 3 in	'Add0' 'Load0' TIMINO	S TABLE STARTE				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~
truction 'S truction 'L ~~~~~~ PC	SUBD F8 F6 F2' I D F6 34(R2)' F1  INSTR LD F6 LD F2	ESSUED at clockinished at cloc	ck 4 in ock 4 in ~~~~~~ IS	'Add0' 'Load0' TIMINO	TABLE				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~
truction 'S truction 'L PC 0 1 2	SUBD F8 F6 F2' I D F6 34(R2)' F1  NOTE: INSTR LD F6 LD F2 MULTD SUBD F	ESSUED at cloc ENISHED at cloc ENISHED at cloc ENISHED at cloc ENISHED at clock ENISHED at	ck 4 in ock 4 in	'Add0' 'Load0' TIMINO SUED 1	S TABLE STARTE				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
truction 'S truction 'L	IUBD F8 F6 F2' I D F6 34(R2)' F1  INSTR LD F6 LD F2  MULTD SUBD F DIVD F	ESSUED at clockinished at cloc	ck 4 in ock 4 in	'Add0' 'Load0' TIMINO SUED 1 2	S TABLE STARTE				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~
truction 'S truction 'L CONTRACTOR OF PC 0 1 2 3 4	IUBD F8 F6 F2' I D F6 34(R2)' F1  INSTR LD F6 LD F2  MULTD SUBD F DIVD F	ESSUED at clockinished at cloc	ck 4 in ock 4 in	'Add0' 'Load0'  TIMING SUED 1 2 3 4	STARTE  2 3 on Station	~~~~			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~
PC 0 1 2 3 4 5 5	IUBD F8 F6 F2' I D F6 34(R2)' F1 INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F	ESSUED at cloc ENISHED at cloc	ck 4 in ock 4 in	'Add0' 'Load0' TIMING SUED 1 2 3 4 Reservatio	STARTE  2 3 on Station  valueJ	~~~~	valueK	t - - - - - - - - - - - - - - - - - - -	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~ ~~~~ ~~~~
PC 0 1 2 3 4 5 5	IUBD F8 F6 F2' I D F6 34(R2)' F1 INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F	ESSUED at cloc ENISHED at cloc	ck 4 in ock 4 in	'Add0' 'Load0'  TIMING SUED 1 2 3 4 Reservatio Busy True	STARTE  2 3 on Station  valueJ 0.0	~~~~	valueK 3.5	1 - - - - - - - - - - - - - - - - - - -	- - - - - ~	~~~~
truction 'S truction 'L  PC  0  1  2  3  4  5	IUBD F8 F6 F2' I D F6 34(R2)' F1 INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F	ESSUED at cloc ENISHED at cloc	ck 4 in ock 4 in	'Add0' 'Load0' TIMING SUED 1 2 3 4 Reservatio	STARTE  2 3 on Station  valueJ	~~~~	valueK	t - - - - - - - - - - - - - - - - - - -	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
PC 0 1 2 3 4 5 5	IUBD F8 F6 F2' I D F6 34(R2)' F1  INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F  Tag Add0 Add1	ESSUED at cloc ENISHED at cloc	ck 4 in ock 4 in	'Add0' 'Load0' TIMING SUED 1 2 3 4 Reservatio Busy True False	STARTE 2 3 on Station valueJ 0.0 0	~~~~	valueK 3.5	t - - - - - - - - - - - - - - - - - - -	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
PC 0 1 2 3 4 5	INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1  Loa	CSSUED at clockinished at cloc	ck 4 in ock	'Add0' 'Load0'  TIMING SUED 1 2 3 4 Reservation Busy True False False True False	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~
PC 0 1 2 3 4 5	INSTR LD F6 LD F2 MULTD SUBD F ADDD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1	CSSUED at clockinished at cloc	ck 4 in ock	'Add0' 'Load0' TIMING SUED 1 2 3 4 Reservatio Busy True False False True False Address	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
PC 0 1 2 3 4 5  Time left 2 6	INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1	CSSUED at clockinished at cloc	ck 4 in ock	'Add0' 'Load0' TIMINO SUED 1 2 3 4 Reservatio Busy True False False True False False 3 4 4 Address 34+R2	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
PC 0 1 2 3 4 5  Time left 2	INSTR LD F6 LD F2 MULTD SUBD F ADDD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1	CSSUED at clockinished at cloc	ck 4 in ock	'Add0' 'Load0' TIMING SUED 1 2 3 4 Reservatio Busy True False False True False Address	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~
truction 'S truction 'L  PC 0 1 2 3 4 5  Time left 2  Time left	INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1  Load2 Load3	CSSUED at cloc CNISHED at cloc	ck 4 in ock	'Add0' 'Load0' TIMINO SUED 1 2 3 4 Reservatio Busy True False False True False False 3 4 4 Address 34+R2	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
truction 'S truction 'L  PC 0 1 2 3 4 5  Time left 2	INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1  Load2	CSSUED at cloc CNISHED at cloc	ck 4 in ock	'Add0' 'Load0' TIMINO SUED 1 2 3 4 Reservatio Busy True False False True False False 3 4 4 Address 34+R2	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~
truction 'S truction 'L  PC 0 1 2 3 4 5  Time left 2  Time left	INSTR LD F6 LD F2 MULTD SUBD F DIVD F ADDD F  Tag Add0 Add1 Add2 Mult0 Mult1  Load Load1 Load2 Load3 Load4	CSSUED at cloc CNISHED at cloc	ck 4 in ock	'Add0' 'Load0' 'SUED 1 2 3 4 Reservation True False False True False False 4 4 4 5 4 5 4 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	STARTE  2 3 on Station  valueJ  0.0 0 0 3.5	~~~~	valueK 3.5 0 0	t - - - - - - VAAAAAAAAAAAAAAAAAAAAAAAAA	- - - - - ~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~

Value 0.0 10.0 0.0 7.8 0.0

Clock cycle : 5

PC : 4

NEXT FP INSTRUCTION TO BE ISSUED: 'DIVD F10 F0 F6'

Instruction 'DIVD F10 F0 F6' ISSUED at clock 5 in 'Mult1' Instruction 'LD F2 45(R3)' FINISHED at clock 5 in 'Load1'

					TIMINO	G TABLE					
PC		INSTR	~~~~~~~ UCTION	 I	SSUED	STARTE	~~~~ )	FIN	SHED	رمحمحم Writ	e CDB
0		LD F6	34(R2)		1	2		4	l .		5
1		LD F2	45(R3)		2	3			5		-
2		MULTD	F0 F2 F4		3	-			-		-
3	SUBD F8 F6 F2	4	4	-					-		
4		DIVD F10 F0 F6			5	-			•		-
5	ADDD F6 F8 F2			-	-			-		-	
~~~~~	~~~~~		~~~~~~~~	~~~~		on Station	~~~~			.~~~~	
~~~~~~~ T: 1-0	·~~~~~		~~~~~~~~	~~~~	~~~~~~~~		~~~~		^~~~~~	.~~~~	
Time lef	τ	Tag Add0	OP SUBD		Busy True	valueJ 37.5		valueK 3.5	Qj		Qk Load1
2		Adda Add1	2000		False	37.3 0		3.5 0			LOAUI
		Add1 Add2			False	0		0			
6		Mult0	MULTD		True	3.5		10.0	Load1		
12		Mult1	DIVD		True	6.0		37.5	Mult0		
~~~~~	.~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	.~~~~	~~~~~						
~~~~~	~~~~~		d Station ~~~~~~~	~~~~~	~~~~~~						
Time lef	t	Tag	Busy		Address						
		Load0	False								
		Load1	True		45+R3						
		Load2	False								
		Load3	False								
		Load4	False								
		Load5	False								
,~~~~~	~~~~~		~~~~~~~	~~~~~	Regi	·~~~~~~~ ister	~~~~	.~~~~~~~		,~~~~~	
Name Qi	F0 Mult0	F1	F2 Load1	F3	F4		F6	F7	F8 Add0	F9	
/- T		0 0	2 -	0 0	10.0		27 F	0 0	7 0		

Value 6.0 0.0 3.5 0.0 10.0 0.0 37.5 0.0 7.8 0.0 

Clock cycle : 6

1

NEXT FP INSTRUCTION TO BE ISSUED: 'ADDD F6 F8 F2'

Add0

Add1

Add2

Instruction 'ADDD F6 F8 F2' ISSUED at clock 6 in 'Add1'

Instruction 'LD F2 45(R3)' BROADCASTED in CDB at clock 6 with value '49.0'

**SUBD** 

ADDD

			G TABLE		
PC	INSTRUCTION	ISSUED	STARTED	FINISHED	Write CDB
0	LD F6 34(R2)	1	2	4	5
1	LD F2 45(R3)	2	3	5	6
2	MULTD F0 F2 F4	3	-	-	-
3	SUBD F8 F6 F2	4	-	-	-
4	DIVD F10 F0 F6	5	-	-	-
5	ADDD F6 F8 F2	6	-	-	-
·~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~

True

True

False

37.5

7.8

49.0

49.0

0

Add0

5 12		Mult0 Mult1	MULTD DIVD		True True	49.0 6.0		10.0 37.5	Mult0			
~~~~~~~~			Station	~~~~~	~~~~~~							
Time lef	ft	Tag Load0 Load1 Load2 Load3 Load4 Load5	Busy False False False False False		Address							
~~~~~~	~~~~~	~~~~~~~	~~~~~~~	~~~~~	~~~~~~ Regi	 ister	~~~~~	~~~~~~	~~~~~~~~	,~~~~~~	~~~~~~	
Name Oi	F0 Mult0	F1	F2	F3		F5	F6 Add1	~~~~~ F7	F8 Add0	F9	~~~~~~~	
Value	6.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	7.8	0.0		
######################################	######################################	######################################		###### ock 7 i	######################################						.~~~~~	<b>!##</b>
~~~~~~	~~~~~	~~~~~~~	~~~~~~~~	~~~~~	TIMING	G TABLE	~~~~~	~~~~~~	~~~~~~~		~~~~~~	
PC 0 1 2 3 4 5		LD F6 LD F2 MULTD F SUBD F8 DIVD F3	JCTION 34(R2) 45(R3) F0 F2 F4 B F6 F2 10 F0 F6 5 F8 F2	I	SSUED 1 2 3 4 5 6	START 2 3 7 7 - -	ED	FI	NISHED 4 5 - - -	Write 5 6 - - -		
~~~~~~	~~~~~	~~~~~~~	~~~~~~~~	~~~~~	~~~~~~~ Reservatio	on Station	~~~~~	~~~~~~	~~~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~~~~~~	
Time lef 0 2 4 12	ft	Tag Add0 Add1 Add2 Mult0 Mult1	OP SUBD ADDD MULTD DIVD	~~~~	Busy True True False True True	valueJ 37.5 7.8 0 49.0 6.0	~~~~	valueK 49.0 49.0 0 10.0 37.5	Qj Add0 Mult0	~~~~	Qk	
~~~~~~	~~~~~		d Station	~~~~~	~~~~~~							
Time lef	Ft	Tag Load0 Load1 Load2 Load3 Load4 Load5	Busy False False False False False	~~~~	Address							
~~~~~~	~~~~~	~~~~~~~	~~~~~~	~~~~~	~~~~~~ Regi	 ister	~~~~~	~~~~~~	~~~~~~~	.~~~~~	~~~~~~	
Name Qi	F0 Mult0	F1	F2	F3		F5	F6 Add1	~~~~~~ F7	F8 Add0	F9	~~~~~~	
Value	6.0						37.5 #######		7.8 ####################################		***************************************	
Clock cycle			****************	******		• • • • • • • • • • • • • • • • • • • •	######################################		***************		***************************************	+## <b>#</b>
PC: 6 Instruction	n 'SUBD	F8 F6 F2' F3	INISHED at c	lock 8 ~~~~~		~~~~~~	~~~~~	~~~~~~	~~~~~~~			
~~~~~~	~~~~~	~~~~~~~	~~~~~~~	~~~~~	TIMING	G TABLE	~~~~~	~~~~~~	~~~~~~~			

INSTRUCTION

PC

ISSUED

STARTED

FINISHED

Write CDB

	DIVD F1 ADDD F6	60 F2 F4 8 F6 F2 10 F0 F6 5 F8 F2	3 4 5 6		3 7 7 - -			5 - 8 - -	6 - - - -	
~~~~~~~~~			~~~~~~ R	eservatio	on Station	~~~~		~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~
Time left 0 2 3 12	Tag Add0 Add1 Add2 Mult0 Mult1	OP SUBD ADDD MULTD DIVD	T T F T	Busy True True Salse True	valueJ 37.5 7.8 0 49.0 6.0	~~~~	valueK 49.0 49.0 0 10.0 37.5	Qj Add0 Mult0	Qk	·~
~~~~~~~~		Station	~~~~~	~~~~						
Time left	Tag Load0 Load1 Load2 Load3 Load4 Load5	Busy False False False False False		idress						
~~~~~~~~		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~~~~~	Regi	 ister	~~~~	~~~~~~	~~~~~~~	······································	•
Name F Qi Mul Value 6.	.t0	F2 49.0	F3	F4 10.0	F5 0.0	F6 Add1 37.5		F8 Add0 7.8	F9 0.0	•
									***************************************	
Clock cycle : 9 PC : 6	1									
Instruction 'SU	IBD F8 F6 F2' BF				ith value '-	11.5'		~~~~~~~	······································	~~
~~~~~~~~~	.~~~~~~~~~	.~~~~~~	~~~~~~~		G TABLE	~~~~~	~~~~~~~	~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~
PC 0 1 2 3 4 5	LD F2 MULTD F SUBD F8	34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6	ISSU 1 2 3 4 5 6		START 2 3 7 7		FIN	ISHED 4 5 - 8 -	Write CDB 5 6 - 9	

PC		RUCTION	ISSUED	ST	ARTED	FIN	IISHED	Write	CDB
0	LD F	5 34(R2)	1		2		4	5	
1		2 45(R3)	2		3		5	6	
2		F0 F2 F4	3		7		-	-	
3		F8 F6 F2	4		7		8	9	
4		F10 F0 F6	5		-		-	-	
5	ADDD I	F6 F8 F2	6		-		-	-	
······································	~~~~~~~~~~	~~~~~~~~		~~~~~~~ ervation Statio		~~~~~~		~~~~~	~~~~~~
Time left	Tag	0P	Bus	y valu	eЈ	valueK	Qj		Qk
4	Add0	ADDD	Fal			0			
1	Add1 Add2	ADDD	Tru			49.0			
2	Add2 Mult0	MULTD	Fal Tru			0 10.0			
12	Mult1	DIVD	Tru			37.5	Mult0		
~~~~~~	Loa	ad Station	~~~~~~	~~~~					
Time left	~~~~~~~~ Tag	Busy		ess					
	Load0	False							
	Load1	False							
	Load2	False							
	Load3	False							
	Load4	False							
	Load5	False							
	~~~~~~~~~	·~~~~~~~~	~~~~~~	~~~~~~~ Register	~~~~~~			·~~~~~	~~~~~~
	~~~~~~~~~ F0 F1		~~~~~~ F3	~~~~~~~ F4 F5	~~~~~ F6		F8	F9	~~~~~~
Name	רט ד								

Clock cycle : 10

PC : 6

Instruction 'ADDD F6 F8 F2' STARTED at clock 10 in 'Add1'

					G TABLE					
PC	INSTR	~~~~~~~ UCTION		~~~~~~ SUED	STARTED	,~~~~~ )	FIN	ISHED	Write C	~~~~~ <i>~</i> DB
0	LD F6	34(R2)		1	2			4	5	
1	LD F2	45(R3)		2	3			5	6	
2		F0 F2 F4		3	7			-	-	
3	SUBD F	8 F6 F2		4	7			8	9	
4	DIVD F	10 F0 F6		5	-			-	-	
5	ADDD F	6 F8 F2	1	6	10			-	-	
~~~~~~~	,~~~~~~~	~~~~~~~	,~~~~~	~~~~~~ Reservatio	on Station	~~~~~	~~~~~	.~~~~~~~~	·~~~~~	~~~~~
~~~~~~~~ Time left	-~~~~~~~~ Tag	~~~~~~ 0P	,~~~~~	~~~~~~ Busy	valueJ	~~~~~~ va	~~~~~ lueK		Ql	~~~~~ k
	Add0	-		False	0		0		e.	
0	Add1	ADDD		True	-11.5	4	9.0			
	Add2			False	0		0			
1	Mult0	MULTD		True	49.0	1	0.0			
12	Mult1	DIVD		True	6.0	3	7.5	Mult0		
~~~~~~~	Loa	d Station	,~~~~~	~~~~~						
Time left	Tag	Busy		Address						
	Load0	False								
	Load1	False								
	Load1 Load2	False False								
	Load2	False								
	Load2 Load3	False False								
~~~~~~~~	Load2 Load3 Load4	False False False	,nnnnnn	~~~~~~ Regi	······································	.~~~~~	~~~~~	~~~~~~~~	JANANANANAN	<i>งง</i> งงงงงงงง
~~~~~~~~~ ~~~~~~~~ Name F6 Qi Mult	Load2 Load3 Load4 Load5	False False False False		~~~~~~ Regi ~~~~~~	F5		~~~~~ ~~~~~~ F7		~~~~~~~ F9	~~~~~~~

Clock cycle : 11

PC : 6

INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6	34(R2) 45(R3) 0 F2 F4 F6 F2 0 F0 F6	ISSUED 1 2 3 4 5 6	STARTED 2 3 7 7 - 10	FINI: 4 5 - 8 -		Write CDB 5 6 - 9 -
LD F2 MULTD F SUBD F8 DIVD F1	45(R3) 0 F2 F4 F6 F2 0 F0 F6	1 2 3 4 5	3 7 7	-		5 6 - 9
MULTD F SUBD F8 DIVD F1	0 F2 F4 F6 F2 0 F0 F6	2 3 4 5 6	3 7 7 - 10	-		6 - 9 -
SUBD F8 DIVD F1	F6 F2 0 F0 F6	3 4 5 6	7 7 - 10	-		- 9 -
DIVD F1	0 F0 F6	4 5 6	7 - 10	-		9
		5 6	- 10	-		_
ADDD F6	F8 F2	6	10	1.		
				1.	1	-
~~~~~~~~	~~~~~~~~				~~~~~~~~~	
Tag	OP	Busy	valueJ	valueK	Qj	Qk
	4000					
	ADDD					
	MIII TD		•	•		
					M. 1+0	
MUITI	חזעט	irue	6.0	3/.5	MUITO	
	Add0 Add1 Add2 Mult0 Mult1	Add0 Add1 ADDD Add2 Mult0 MULTD Mult1 DIVD	Tag OP Busy Add0 False Add1 ADDD True Add2 False Mult0 MULTD True Mult1 DIVD True	Add0 False 0 Add1 ADDD True -11.5 Add2 False 0 Mult0 MULTD True 49.0 Mult1 DIVD True 6.0	Tag         OP         Busy         valueJ         valueK           Add0         False         0         0           Add1         ADDD         True         -11.5         49.0           Add2         False         0         0           Mult0         MULTD         True         49.0         10.0           Mult1         DIVD         True         6.0         37.5	Tag         OP         Busy         valueJ         valueK         Qj           Add0         False         0         0           Add1         ADDD         True         -11.5         49.0           Add2         False         0         0           Mult0         MULTD         True         49.0         10.0           Mult1         DIVD         True         6.0         37.5         Mult0

Load Station

Time left Tag Busy Address

Load0	False
Load1	False
Load2	False
Load3	False
Load4	False
Load5	False

~~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~~	~~~~~~~	~~~~~~~
					Regi	ster					
~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~~
Name	F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	
Qi	Mult0						Add1				
Value	6.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	

Clock cycle : 12

PC : 6

Instruction 'MULTD F0 F2 F4' FINISHED at clock 12 in 'Mult0'

Instruction 'ADDD F6 F8 F2' BROADCASTED in CDB at clock 12 with value '37.5'

						G TABLE				
~~~~~ P	~~~~~ C	INSTRU	JCTION		SUED	STARTE		~~~~~~~ FIN	.~~~~~~~ NISHED	Write CDB
0		LD F6	34(R2)		1	2			4	5
1			45(R3)		2	3			5	6
2		MULTD I	0 F2 F4		3	7			12	-
3		SUBD F	3 F6 F2		4	7			8	9
4		DIVD F	L0 F0 F6		5	-			-	-
5		ADDD F	5 F8 F2		6	10			11	12
·~~~~	~~~~~	~~~~~~~	~~~~~~~	~~~~	Reservatio		~~~~	~~~~~~		·~~~~~~~~~~
Time le	ft	Tag	 OP	~~~~~	Busy	valueJ	~~~~	valueK	~~~~~~ Qj	Qk
		Add0			False	0		0		
		Add1			False	0		0		
		Add2			False	0		0		
0		Mult0	MULTD		True	49.0		10.0		
12		Mult1	DIVD		True	6.0		37.5	Mult0	
~~~~~	~~~~~	Load	J Station	~~~~	,~~~~~					
Time le	ft	Tag	Busy		Address					
		Load0	False							
		Load1	False							
		Load2	False							
		Load3	False							
		Load4	False							
		Load5	False							
~~~~~	~~~~~~	~~~~~~~~	~~~~~~~~	~~~~~	_	ister	~~~~	~~~~~~		
Name	F0 Mult0	F1	F2	F3	F4	F5	F6	F7	F8	F9
Qi	Harco									

Clock cycle : 13

PC : 6

Instruction 'MULTD F0 F2 F4' BROADCASTED in CDB at clock 13 with value '490.0'

~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~	~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~	J
		TIMIN	G TABLE			
~~~~~~~~~		~~~~~~~~~~	~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~	J
PC	INSTRUCTION	ISSUED	STARTED	FINISHED	Write CDB	
0	LD F6 34(R2)	1	2	4	5	
1	LD F2 45(R3)	2	3	5	6	
2	MULTD F0 F2 F4	3	7	12	13	
3	SUBD F8 F6 F2	4	7	8	9	
4	DIVD F10 F0 F6	5	-	-	-	
5	ADDD F6 F8 F2	6	10	11	12	

			~~~~~~~~		Reservatio				~~~~~~~~		
Time left		Tag	0P	~~~~~	Busy	valueJ		valueK	Qj	~~~~~	Qk
		Add0			False	0		0			
		Add1			False False	0 0		0			
		Add2						0			
		Mult0			False	0		0			
11		Mult1	DIVD		True	490.0		37.5			
~~~~~~	~~~~~		 d Station	~~~~~							
~~~~~~ Time left			D								
Time Teru		Tag Load0	Busy False		Address						
		Loade Load1	False								
		Load1	False								
		Load3	False								
		Load4	False								
		Load5	False								
		20003	. 4.250								
~~~~~	~~~~~	~~~~~~	~~~~~~~	~~~~~	-~~~~~ Regi		~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~
Name	F0	F1	F2	F3	F4	~~~~~~ F5	 F6	~~~~~~ F7		F9	~~~~~~
Qi V-l	400.0	0.0	40.0	0.0	10.0	0.0	27 5	0.0	44 5	0.0	
Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	

Clock cycle : 14 PC : 6

Instruction 'DIVD F10 F0 F6' STARTED at clock 14 in 'Mult1'

					TIMING	TABLE					
P(-	INSTRU	JCTION	 I	SSUED	STARTE	 D	~~~~~~~ FIN	~~~~~~~ IISHED	~~~~~ Wri	te CDB
0		LD F6	34(R2)		1	2			4		5
1		LD F2	45(R3)		2	3			5		6
2		MULTD I	F0 F2 F4		3	7			12		13
3		SUBD F	8 F6 F2		4	7			8		9
4		DIVD F	10 F0 F6		5	14			-		-
5		ADDD F	5 F8 F2		6	10			11		12
~~~~~~	~~~~~	,~~~~~~	~~~~~~~	~~~~~	~~~~~~ Reservatio	n Station	~~~~	~~~~~~		~~~~~	~~~~~~
~~~~~~ Time le	~~~~~~ F+	-~~~~~~~ Tag	~~~~~~~~ OP	~~~~~	~~~~~~ Busy	valueJ	~~~~	valueK	-~~~~~ Qj	~~~~~	~~~~~~~ Qk
TIME TE		Add0	UF		False	Varues 0		0	ري		УV
		Add1			False	0		0			
		Add2			False	0		0			
		Mult0			False	0		0			
10		Mult1	DIVD		True	490.0		37.5			
.~~~~~	~~~~~		~~~~~~~~~ d Station	~~~~~	~~~~~~						
~~~~~	~~~~~		~~~~~~~~~~	~~~~~	~~~~~~						
Time let	ft	Tag	Busy		Address						
		Load0	False								
		Load1	False								
		Load2	False								
		Load3	False								
		Load4	False								
		Load5	False								
v~~~~~	·~~~~~	,~~~~~~	~~~~~~~	~~~~~	~~~~~~ Regi	 ster	.~~~~	~~~~~~		~~~~~	~~~~~~
Name Qi	F0	F1	F2	F3	~~~~~~ F4	F5	F6		F8	~~~~~ F9	~~~~~~
		0.0	49.0								

Clock cycle : 15

PC Ø 1 2 3 4 5			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~	~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	VWWW.	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	
1 2 3 4	10.56	JCTION	ISSUED	STARTE	D	FII	NISHED	Write CDB	
2 3 4		34(R2)	1	2			4	5	
3 4		45(R3) F0 F2 F4	2 3	3 7			5 12		
		3 F6 F2	4	7			8	9	
5		L0 F0 F6	5	14			-	5 6 13	
	ADDD F6	5 F8 F2	6	10			11	12	
	~~~~~~			~~~~~~~ on Station	~~~~		~~~~~~~	~~~~~~~~~~~	
Time left	Tag Add0	OP	Busy False	~~~~~~ valueJ 0	~~~~	valueK 0	Qj	Qk	
	Add1		False	0		0			
	Add2		False	0		0			
	Mult0	D.T.) (D.	False	0		0			
9	Mult1	DIVD	True	490.0		37.5			
	Load	d Station							
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Tag	Busy	Address						
. Line Let	Load0	False	Audi C33						
	Load1	False							
	Load2	False							
	Load3	False							
	Load4 Load5	False False							
			Reg	 ister 	.~~~~	.~~~~~~	·~~~~~~~~~~	~~~~~~~~~~~~~~~~~	
Name F0 Qi	F1	F2	F3 F4	F5	F6	F7	F8	F9	
/alue 490.0	0.0	49.0	0.0 10.0	0.0	37.5	0.0	-11.5	a a	
ock cycle : 16									
ck cycle : 16 : 6			TIMIN	**************************************	.~~~~			~~~~~~~~~~~~~	
ck cycle : 16 : 6	INSTRU		.~~~~~~~~~ TIMIN ISSUED	######################################	.~~~~		**************************************		
ck cycle : 16 : 6	.~~~~~~. INSTRU		TIMIN	**************************************	.~~~~				
ck cycle : 16 : 6 	INSTRULD F6 LD F6 LD F2		######################################	######################################	.~~~~		**************************************	**************************************	
pck cycle : 16 : 6 	INSTRI LD F6 LD F2 MULTD F SUBD F8	JCTION 34(R2) 45(R3) 50 F2 F4 3 F6 F2	######################################	######################################	.~~~~		**************************************	Write CDB 5 6 13	
pck cycle : 16 : 6	INSTRI LD F6 LD F2 MULTD F SUBD F8	JCTION 34(R2) 45(R3) 50 F2 F4 3 F6 F2 10 F0 F6	TIMIN  1 SSUED  1 2 3 4 5	**************************************	.~~~~		**************************************	**************************************	
ock cycle : 16 : 6	INSTRI LD F6 LD F2 MULTD F SUBD F8	JCTION 34(R2) 45(R3) 50 F2 F4 3 F6 F2 10 F0 F6	TIMIN  ISSUED  1  2  3  4	######################################	.~~~~		**************************************	**************************************	
PC 0 1 2 3 4 5 5	INSTRULD F6 LD F2 MULTD F SUBD F8 DIVD F6	JCTION 34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2	TIMIN  ISSUED  1 2 3 4 5 6	######################################	**************************************		**************************************	**************************************	
PC 0 1 2 3 4 5 5	INSTRUCE LD F6 LD F2 MULTD F SUBD F8 DIVD F3 ADDD F6	JCTION 34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2	TIMIN  ISSUED  1  2  3  4  5  6  Reservati	######################################		FII	**************************************	**************************************	
PC 0 1 2 3 4 5	INSTRIL LD F6 LD F2 MULTD F SUBD F8 DIVD F3 ADDD F6	JCTION 34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2	TIMIN  ISSUED  1  2  3  4  5  6  Reservati	G TABLE  STARTE  2  3  7  7  14  10  on Station  valueJ  0		FII	NISHED 4 5 12 8 - 11	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5	INSTRUCTOR FOR ADDD FOR ADDD FOR ADDD ADDD ADDD ADDD ADDD ADDD ADDD AD	JCTION 34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Busy False False	######################################		FII	NISHED 4 5 12 8 - 11	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5	INSTRIL LD F6 LD F2 MULTD F SUBD F6 ADDD F6 ADDD F6 ADDD ADDD F6 ADDD ADDD	JCTION 34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Busy False False False False	######################################		FII  valueK 0 0 0	NISHED 4 5 12 8 - 11	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5	INSTRUCTOR FOR ADDD FOR ADDD FOR ADDD ADDD ADDD ADDD ADDD ADDD ADDD AD	JCTION 34(R2) 45(R3) 60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Busy False False	######################################		FII	NISHED 4 5 12 8 - 11	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5 5	INSTRUCTOR FOR ADDD FOR ADDD FOR ADDD FOR ADDD ADDD ADDD ADDD ADDD ADDD ADDD AD	JCTION 34(R2) 45(R3) 60 F2 F4 83 F6 F2 10 F0 F6 50 F8 F2	TIMIN  ISSUED  1 2 3 4 5 6  Reservati  Busy False False False False False False	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5 5 Time left	INSTRUCTOR TO THE SUBD FOR ADDD	JCTION 34(R2) 45(R3) 60 F2 F4 83 F6 F2 10 F0 F6 50 F8 F2	TIMIN  ISSUED  1 2 3 4 5 6  Reservati  Busy False False False False False False	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5 5 Time left	INSTRUCE LD F6 LD F2 MULTD F6 SUBD F6 DIVD F6 ADDD F6  ADDD F6  Add0 Add1 Add2 Mult0 Mult1  Load	UCTION 34(R2) 45(R3) F0 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2  OP  DIVD	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Reservati  Salse False False False True	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5  Time left	INSTRUCTOR TO THE SUBD FOR ADDD	JCTION 34(R2) 45(R3) -60 F2 F4 3 F6 F2 10 F0 F6 5 F8 F2  DIVD	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Busy False False False False False True	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5 5 Time left	INSTRILLD F6 LD F2 MULTD F SUBD F8 DIVD F3 ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load Tag	JCTION 34(R2) 45(R3) F0 F2 F4 3 F6 F2 L0 F0 F6 5 F8 F2  OP  DIVD	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Reservati  Salse False False False True	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5 5 Time left	INSTRUCTOR TO THE SUBD FOR ADDD	JCTION 34(R2) 45(R3) F0 F2 F4 3 F6 F2 L0 F0 F6 5 F8 F2  OP  DIVD  d Station  Busy False False False	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Reservati  Salse False False False True	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	
PC 0 1 2 3 4 5 5 Time left	INSTRUCTOR FOR THE SUBD FOR ADDD FOR ADD	JCTION 34(R2) 45(R3) F0 F2 F4 3 F6 F2 L0 F0 F6 5 F8 F2  OP  DIVD  Station  Busy False False	TIMIN  ISSUED  1  2  3  4  5  6  Reservati  Reservati  Salse False False False True	######################################		FII  valueK 0 0 0 0	**************************************	Write CDB  5 6 13 9 - 12	

~~~~~~	.~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~~
Name	FØ	F1	F2	F3	F4	F5	F6	F7	F8	F9	
Qi											
Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	

Clock cycle : 17

PC : 6

					TIMINO	TABLE					
~~~~~ P		INSTR	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	·~~~~· ·	ISSUED	STAR	~~~~~ TED	-~~~~~~ F]	NISHED	~~~~~ Wri	te CDB
e	)	LD F6	34(R2)		1	2			4		5
1			45(R3)		2	3			5		6
2		MULTD	F0 F2 F4		3	7			12		13
3		SUBD F	8 F6 F2		4	7			8		9
4		DIVD F	10 F0 F6		5	14	4		-		-
5		ADDD F	6 F8 F2		6	16	9		11		12
~~~~~	.~~~~~	~~~~~~	~~~~~~~	~~~~	Reservatio		~~~~~			~~~~	~~~~~~~~
Time le		~~~~~~ Tag	~~~~~~~ OP	~~~~	Busy	valueJ	~~~~~	valueK	 Qj	~~~~~	~~~~~~~~~~~~ Qk
. 1		Add0	O.		False	0		0	٨٦		ζı,
		Add1			False	0		0			
		Add2			False	0		0			
		Mult0			False	0		0			
7		Mult1	DIVD		True	490.0		37.5			
~~~~~	.~~~~~	~~~~~~~~ I oa	~~~~~~~ d Station	~~~~	~~~~~~						
~~~~~	~~~~~	~~~~~~~		~~~~	~~~~~~						
Time le	ft	Tag	Busy		Address						
		Load0	False								
		Load1	False								
		Load2	False								
		Load3	False								
		Load4	False								
		Load5	False								
~~~~~	~~~~~	~~~~~~	~~~~~~~	~~~~	Regi	ister	~~~~~	~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~~~	~~~~~~~
Name Qi	F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	~~~~~~~~
Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	

Clock cycle : 18

PC : 6

				G TABLE		
PC	INSTRUC		ISSUED	STARTED	FINISHED	Write CDB
0	LD F6 3	4(R2)	1	2	4	5
1	LD F2 4	.5(R3)	2	3	5	6
2	MULTD F0	F2 F4	3	7	12	13
3	SUBD F8	F6 F2	4	7	8	9
4	DIVD F10	F0 F6	5	14	-	-
5	ADDD F6	F8 F2	6	10	11	12
			Reservati	on Station		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Time left	Tag	OP	Busy	valueJ		Qj Qk
	Add0		False	0	0	-5
	Add1		False	0	0	
	Add2		False	0	0	
	Mult0		False	0	0	
	MUTCO				37.5	

Load Station

Time le	ft	Tag Load0 Load1 Load2 Load3 Load4 Load5	Busy False False False False False	ļ	Address						
~~~~~	~~~~~	~~~~~~~		~~~~~	Regi	······································	~~~~~	~~~~~	~~~~~~	~~~~~~~~~~~~	~~~~
Name		F1	F2	F3	F4	F5	F6	~~~~~~ F7	F8	F9	~~~~
Qi Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	
	#######									######################################	
	~~~~~	~~~~~~~		~~~~~	TIMING		~~~~~	~~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~~~~~~~~~~~	~~~~
~~~~~~ P	~~~~~ C	INSTRU	JCTION	 ISS	 SUED		 ED	~~~~~~~ FIN	~~~~~~ IISHED	write CDB	~~~~
0 1		LD F6	34(R2) 45(R3)	1	<u>l</u>	2			4 5	5 6	
2		MULTD F	0 F2 F4	3	3	7			12	13	
3 4		SUBD F8 DIVD F1	3 F6 F2 L0 F0 F6		1 5	7 14			8 -	9 -	
5		ADDD F6		é		10			11	12	
	~~~~~	~~~~~~~		~~~~~		on Station	~~~~	~~~~~~		~~~~~~~~~~~~~	~~~~
Time le	ft	Tag	OP	~~~~~	Busy	valueJ	~~~~	valueK	Qj	Qk	~~~~
		Add0 Add1			False False	0 0		0 0			
		Add2			False	0		0			
5		Mult0 Mult1	DIVD		False True	0 490.0		0 37.5			
-			2232			.2010		37.03			
	~~~~~	Load	Station	~~~~~~							
Time le	ft	Tag	Busy	Į.	Address						
		Load0 Load1	False False								
		Load2	False								
		Load3 Load4	False								
		Load5	False False								
.~~~~~	~~~~~	~~~~~~~		~~~~~		 ister	~~~~~	~~~~~~	.~~~~~~	~~~~~~~~~~~~	~~~~
Name	~~~~~~ F0		F2	F3	F4	F5	 F6	~~~~~~ F7	F8	F9	~~~~
Qi Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	
Value ######## lock cycl C : 6	######## ########## e: 20				TIMINC	######################################		######################################		######################################	
P: 0		INSTRU LD F6	JCTION 34(R2)	ISS 1	SUED L	STARTI 2	ט=		IISHED 4	Write CDB 5	
1		LD F2	45(R3)	2	2	3			5	6	
_			0 F2 F4	3	3	7			12	13	
2		SLIBD ES	R F6 F2	/	1	7			8	9	
2 3 4 5			3 F6 F2 L0 F0 F6	5	1 5	7 14 10			8 - 11	9 - 12	

Reservation Station

~~~~~~	~~~~~~	~~~~~~~	~~~~~~~	~~~~~	~~~~~~~	~~~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~~~~
Time le	eft	Tag	OP		Busy	valueJ	\	valueK	Qj		Qk
		Add0			False	0		0			
		Add1			False	0		0			
		Add2			False	0		0			
		Mult0			False	0		0			
4		Mult1	DIVD		True	490.0		37.5			
~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~	.~~~~~						
			d Station	~~~~~~~~							
Time le		Tag	Busy		Address						
		Load0	False								
		Load1	False								
		Load2	False								
		Load3	False								
		Load4	False								
		Load5	False								
~~~~~	~~~~~	~~~~~~	~~~~~~	~~~~~	~~~~~~	~~~~~~	~~~~~	~~~~~~	~~~~~~	.~~~~~	~~~~~~~
			0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	~~~~	•	ster				, o,	~~~~~~~~~~~
Name	F0	F1	F2	F3	F4	F5	F6	F7	F8	F9	
Qi											

Clock cycle : 21

PC : 6

					TIMINO	TABLE					
P(	~~~~~ [	-~~~~~~ INSTRU	JCTION	~~~~~ I	~~~~~~~ SSUED	START	 ED	۰~~~~~~ FII	~~~~~~~ NISHED	wr:	~~~~~~~ ite CDB
0	-		34(R2)	_	1	2			4	•••	5
1			45(R3)		2	3		5			6
2			70 F2 F4			7			12		13
3		SUBD F8	3 F6 F2		4	7			8		9
4		DIVD F1	L0 F0 F6		5	14			-		-
5		ADDD F6	5 F8 F2		6	10			11		12
~~~~~	~~~~~	~~~~~~	~~~~~~~	~~~~~	~~~~~~~ Reservatio	on Station	~~~~	~~~~~	~~~~~~~	,~~~~~	~~~~~~~
Time le	~~~~~ f+	~~~~~~~ Tag		~~~~~	Rusy	valueJ	~~~~	valueK	~~~~~~~~ ∩÷	~~~~~	 Qk
Time Te		Add0	UF		Busy False	varue)		Valuer 0	Qj		УV
		Add1			False	0		0			
		Add1 Add2			False	0		0			
		Mult0			False	0		0			
3		Mult1	DIVD		True	490.0		37 . 5			
~~~~~	~~~~~	~~~~~~~		~~~~~	~~~~~~						
~~~~~	~~~~~	)50J	ı Station ~~~~~~~	~~~~~	~~~~~~						
Time le	ft	Tag	Busy		Address						
		Load0	False								
		Load1	False								
		Load2	False								
		Load3	False								
		Load4	False								
		Load5	False								
~~~~~	~~~~~	~~~~~~~	~~~~~~~	~~~~~	~~~~~~~ Regi	 ister	~~~~		~~~~~~~	,~~~~~	~~~~~~~
Name Qi	 F0	~~~~~~~ F1	F2	F3	~~~~~~~ F4	F5	F6	F7	F8	F9	~~~~~~~
√alue	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	

Clock cycle : 22

PC : 6

TIMING TABLE

~~~~~~	~~~~~									
PC 0		INSTRU LD F6	CTION 34(R2)	ISSUED 1	STARTE 2	D		ISHED 4	Write CDB 5	
1		LD F2	45(R3)	2	3			5	6	
2 3			0 F2 F4	3 4	7			12	13 9	
4		SUBD F8 DIVD F1		5	7 14			8 -	5 -	
5		ADDD F6	F8 F2	6	10			11	12	
~~~~~	~~~~	~~~~~~	~~~~~~	Reservat	~~~~~~~ ion Station	.~~~~~	~~~~~~	~~~~~~	~~~~~~~~~	-~~~~
Time left		Tag	OP	Busy	valueJ	V:	alueK	Qj	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	.~~~~
		Add0 Add1		False False	0 0		0 0			
		Add1 Add2		False	0		0			
		Mult0		False	0		0			
2		Mult1	DIVD	True	490.0	:	37.5			
~~~~~	~~~~	Load	Station							
Time left		Tag	Busy	Address						
		Load0	False							
		Load1 Load2	False False							
		Load3	False							
		Load4	False							
		Load5	False							
	~~~~~				~~~~~~~ gister ~~~~~~~~		,~~~~~~	~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	FØ	F1	F2	F3 F4	F5	F6	F7	F8	F9	
Name										
Qi /alue !####################################	######								0.0 ###################################	
Qi /alue ####################################	######	!##########	###########		~~~~~~~~~	#######	########	##########	#######################################	
Qi /alue /####################################	######			######################################	######################################			######################################	***************************************	
Qi /alue /####################################	######	######################################	######################################	TIMI	######################################		######################################	######################################	######################################	
Qi /alue /####################################	######		######################################	######################################	######################################		**************************************	######################################	***************************************	
Qi /alue /####################################	######	######################################	######################################	######################################	######################################		######################################	######################################	######################################	
Qi /alue /####################################	######	######################################	######################################	TIMI  15SUED  1 2	######################################		######################################	######################################	######################################	
Qi /alue /####################################	######	######################################	######################################	TIMI  15SUED  1 2	######################################		######################################	######################################	######################################	
Qi /alue /####################################	######	######################################	######################################	TIMI  2 3 4 5 6  Reservat	######################################	######################################	######################################	######################################	######################################	
Qi /alue /####################################	: 23	######################################	######################################	TIMI  2 3 4 5 6  Reservat	######################################	######################################	######################################	######################################	######################################	
Qi /alue /####################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False	######################################	######################################	######################################	######################################	######################################	
Qi /alue /####################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False	######################################	######################################	######################################	######################################	######################################	
Qi /alue //alue //alue // //alue //	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False	######################################	######################################	######################################	######################################	######################################	
Qi /alue /####################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  ADDD F6  Tag Add0 Add1 Add2	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False	######################################	######################################	######################################	######################################	######################################	
Qi /alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	
Qi /alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	
Qi /alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	
Qi /alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load  Tag Load0 Load1	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	
Qi /alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load  Tag Load0 Load1 Load2	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	
Qi /alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F1 ADDD F6  ADDD F6  ADDD F6  ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load  Tag Load0 Load1 Load2 Load3	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	
Qi //alue  ###################################	: 23	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1 ADDD F6  ADDD F6  Tag Add0 Add1 Add2 Mult0 Mult1  Load  Tag Load0 Load1 Load2	######################################	TIMI  ISSUED  1  2  3  4  5  6  Reservat  Busy False False False False True	######################################	######################################	######################################	######################################	######################################	

F2

FØ

Name

F1

F3

F5

F4

F7

F8

F9

F6

Qi Value 490.0 0.0 49.0 0.0 10.0 0.0 37.5 0.0 -11.5 0.0

Clock cycle : 24

PC : 6

			Т	IMING TABLE				
PC	INSTR	UCTION	ISSUED	START	ED	FINISHED	writ	e CDB
0	LD F6	34(R2)	1	2		4		5
1	LD F2	45(R3)	2	3		5		6
2	MULTD	F0 F2 F4	3	7		12		13
3	SUBD F	8 F6 F2	4	7		8		9
4	DIVD F	10 F0 F6	5	14		-		-
5	ADDD F	6 F8 F2	6	10		11		12
~~~~~~~~	·~~~~~~~~		~~~~~~~ Reser	~~~~~~~~ vation Station	~~~~~~~	~~~~~~~	.~~~~~~	
Time left		 OP	Busy	~~~~~~~ valueJ	value	~~~~~~ K Qj	~~~~~~	Qk
	Add0		False		0			-
	Add1		False	0	0			
	Add2		False	0	0			
	Mult0		False	0	0			
0	Mult1	DIVD	True	490.0	37.5			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Loa	d Station	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~				
Time left	~~~~~~~~~	d Station  Busy	~~~~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~ ~~~ S				
Time left	Loa Tag Load0	~~~~~~	~~~~~~~~ ~~~~~~~~~~ Addres	~~~ ~~~ S				
Time left	~~~~~~~ Tag	Busy	~~~~~~~~ ~~~~~~~~~~~~ Addres	~~~ ~~~ S				
Time left	Tag Load0	Busy False	Addres	~~~ ~~~ S				
Time left	Tag Load0 Load1	Busy False False	Addres	~~~ ~~~ S				
Time left	Tag Load0 Load1 Load2	Busy False False False False	Addres	~~~ ~~~ S				
Time left	Tag Load0 Load1 Load2 Load3	Busy False False False False	Addres	~~~ ~~~ S				
Time left	Tag Load0 Load1 Load2 Load3 Load4	Busy False False False False False False	Addres	~~~ s ~~~ Register	~~~~~~~~~~	~~~~~~~~~	.~~~~~~~	~~~~~~~~~~
Time left  Name F6	Tag Load0 Load1 Load2 Load3 Load4 Load5	Busy False False False False False False	Addres	~~~~~~~~~ Register ~~~~~~~~~~~	~~~~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~ ~~~~~~~~~ F7 F8	~~~~~~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

Clock cycle : 25

PC : 6

Instruction 'DIVD F10 F0 F6' FINISHED at clock 25 in 'Mult1'

				G TABLE		
PC	INSTRU		ISSUED	STARTED	FINISHED	Write CDB
0	LD F6	34(R2)	1	2	4	5
1	LD F2	45(R3)	2	3	5	6
2	MULTD F	0 F2 F4	3	7	12	13
3	SUBD F8	F6 F2	4	7	8	9
4	DIVD F1	.0 F0 F6	5	14	25	-
5	ADDD F6	F8 F2	6	10	11	12
.~~~~~		,~~~~~~	Reservati	on Station	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~
			Reservati Busy	on Station ~~~~~~~ valueJ	valueK Qj	
~~~~~~		,~~~~~~	Reservati Busy False	on Station	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~
~~~~~~	Tag Add0 Add1	,~~~~~~	Reservati Reservati Busy False False	on Station ~~~~~~~ valueJ	valueK Qj	~~~~~~~~~~~
~~~~~~	Tag Add0 Add1 Add2	,~~~~~~	Reservati Busy False False False	on Station ~~~~~~~ valueJ	valueK Qj	~~~~~~~~~~~
~~~~~~	Tag Add0 Add1	,~~~~~~	Reservati Reservati Busy False False	on Station ~~~~~~~ valueJ	valueK Qj	~~~~~~~~~~~
e left	Tag Add0 Add1 Add2 Mult0 Mult1	OP DIVD	Reservati Busy False False False False False	on Station  valueJ  0  0  0  0	valueK Qj 0 0 0 0	~~~~~~~~~~~~

	t	Tag Load0 Load1 Load2 Load3 Load4	Busy False False False False False	Ad	dress						
		Load5	False								
~~~~~~	~~~~~	~~~~~~		~~~~~~	~~~~~ Regi	ister	~~~~~	~~~~~~	~~~~~~~	~~~~~~~~~~~~~~~	~~~~
Name Qi	F0	~~~~~~ F1	F2	F3	~~~~~ F4	F5		~~~~~~ F7	F8		
Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0	
2:6	: 26										
		10 F0 F6' B	BROADCASTED :		clock 26 ~~~~~		'13.067' ~~~~~	~~~~~~			.~~~~
		10 F0 F6' B	BROADCASTED :		~~~~~		'13.067'	~~~~~~		vaananaanaanaanaanaanaanaanaanaanaanaana	.~~~~
	'DIVD F ~~~~~~	10 F0 F6' B ~~~~~~ ~~~~~~ INSTRU			TIMING		~~~~~~	~~~~~~~ ~~~~~~~FII	~~~~~~~~ ~~~~~~~~~	www.www.www.www.www.www.www.www.www.ww	.~~~~
nstruction ~~~~~~ PC 0	'DIVD F ~~~~~~	······································	JCTION 34(R2)	ISSU	TIMING	TABLE STAR	~~~~~~ ~~~~~~ TED	~~~~~~~ ~~~~~~FIN	4	5	,~~~~ ,~~~~
nstruction PC 0	'DIVD F ~~~~~~	INSTRU LD F6 LD F2	JOCTION 34(R2) 45(R3)	ISSU 1 2	TIMING	TABLE STAR 2	~~~~~~ ~~~~~~ TED	~~~~~~ ~~~~~~~ FII	4 5	5 6	
nstruction PC 0 1	'DIVD F ~~~~~~	INSTRU LD F6 LD F2 MULTD F	JCTION 34(R2) 45(R3) 50 F2 F4	ISSU 1 2 3	TIMING	5 TABLE STAR 2 3 7	~~~~~~ ~~~~~~ TED	~~~~~~ ~~~~~~ FII	4 5 12	5 6 13	
nstruction PC 0 1 2	'DIVD F ~~~~~~	INSTRU LD F6 LD F2 MULTD F SUBD F8	JOCTION 34(R2) 45(R3) 60 F2 F4 8 F6 F2	ISSU 1 2 3 4	TIMING	5 TABLE STAR 2 3 7	~~~~~~ ~~~~~~ TED	~~~~~~~ ~~~~~FII	4 5 12 8	5 6 13 9	~~~~~
PC 0 1 2 3 4	'DIVD F ~~~~~~	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1	JCTION 34(R2) 45(R3) 60 F2 F4 8 F6 F2 L0 F0 F6	ISSU 1 2 3 4 5	TIMING	5 TABLE STAR 2 3 7 1	~~~~~~~ ~~~~~~~ TED	~~~~~~ ~~~~~~FII	4 5 12 8 25	5 6 13 9 26	
PC 0 1 2 3	'DIVD F ~~~~~~	INSTRU LD F6 LD F2 MULTD F SUBD F8	JCTION 34(R2) 45(R3) 60 F2 F4 8 F6 F2 L0 F0 F6	ISSU 1 2 3 4	TIMING	5 TABLE STAR 2 3 7	~~~~~~~ ~~~~~~~ TED	~~~~~~~ FII	4 5 12 8	5 6 13 9	
PC 0 1 2 3 4	'DIVD F	INSTRU LD F6 LD F2 MULTD F SUBD F8 DIVD F1	JCTION 34(R2) 45(R3) 60 F2 F4 8 F6 F2 L0 F0 F6	ISSU 1 2 3 4 5 6	TIMING	5 TABLE STAR 2 3 7 1	~~~~~~~ ~~~~~~~ TED	~~~~~~~ FII	4 5 12 8 25	5 6 13 9 26	

			I TMTN	G TABLE				
PC	INSTRU	JCTION	ISSUED	STARTED	FINISHE	D	Write CDB	
0	LD F6	34(R2)	1	2	4		5	
1	LD F2	45(R3)	2	3	5		6	
2	MULTD F	0 F2 F4	3	7	12		13	
3	SUBD F8 F6 F2		4	7	8		9	
4	5100 110 10 10		5	14	25		26	
5	ADDD F6	5 F8 F2	6	10	11		12	
~~~~~~~	~~~~~~~		Reservatio	on Station	~~~~~~~~	~~~~~~	~~~~~~~~~~	
~~~~~~~ Time left	~~~~~~~ Tag	-~~~~~~ OP	Busy	valueJ	valueK	~~~~~~ Qj		
TIME ICIC	Add0	O1	False	0	0	ري	δıκ	
	Add1		False	0	a			
	Add2		False	a	0			
	Mult0		False	a	0			
	Mult1		False	0	0			
		 I Station						
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		D						
Time left	Tag	Busy	Address					
	Load0	False						
	Load1	False						
	Load2	False False						
	Load3 Load4	False False						
	Load4 Load5	False False						
	LUaUS	raise						
~~~~~~~	~~~~~~~			~~~~~~~~ ister	~~~~~~~~~	~~~~~~		

~~~~~~													
~~~~~~	,~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~	~~~~~~		
Name	FØ	F1	F2	F3	F4	F5	F6	F7	F8	F9			
Qi													
Value	490.0	0.0	49.0	0.0	10.0	0.0	37.5	0.0	-11.5	0.0			