																																																		_	_
CS613 Homework S - non pipelined section	1	2	3 .	4 :	5 6	7		8 9	9 1	11	12	13	24	15	16 :	17	18 19	20	21	22	23	24 2	5 26	27	28	29	30	31 32	22	34	35	36 3	17 28	39	40	41 42	43	44	45	46 4	67 4	8 49	50	51	S2 5	3 54	55	56 51	.7 58	. 59	_
add st. x0. x0 // Zero Resister	IF ID	EX	MEM	wa																																															_
addi x2, x1, 10 // Set counter (1cv)					1E	ID	EX	MEM	WB																																									1 1	1
add xs. x0. 2000 // set address of AIT's first element										IF.	ID D	EX N	EM WS											1																									1		
Stat: Id x7, Q1/51 // ant A///														IF.	ID.	DX.	MEM	W9						1																									Т.		
add x7, x7, 12																		1E	ID	DX	MEM	WE																												1 1	
sd s7, Oh/Si																							IF	ID	EX I	MEM Wa																							1		
add xs. xs. R																											1F	ID.	EX ME	DM W	9																				
subi x2, x2, 1																															1F	ID.	EX	MEM W/S																1	1
bne x2, x1, Strt																								1											IF.	ID	EX.	MEM W	9										1		
Stat: Id x7.01/51																																							IF.	ID	EX	MEM	WS								
add x7, x7, 12																																											IF	ID	EX	MEM W	4		1	1	1
sd x7. Olicia																								1																							1F	ID.	EX	MEM	
CPI = clock cycles of program/ instruction count	s																																																		_