Signals————	-Waves							
Time	10 sec 20	sec 30	sec 40	sec 50	sec	60	sec 70	sec
clk=1			<u> </u>		H			H
q[31:0] =40	0 8	16	24	32	40		48	56
q[31:0] =40	0 8	16	24	32	40		48	56
fetchinstr=1								
instr0[31:0] =1801050	xxxxxx+ 40800282	40800503	1800818A	,	1801	050A	xxxxxxxx	Ħ
instr1[31:0] =xxxxxxx	xxxxxx+ 40800282	40800503	40800504	40800105	XXXX	xxxx		F
rt 0[6:0] =10	XXX	2	3	10				Ħ
i16 0[15:0] =10	XXX	5	Till IF					Ħ
rt 1[6:0]=5	XXX	2	3	4	5			Ħ
i16 1[15:0] =2	XXX	5	10		2			
rt 0[6:0]=0A	xx	02	03	θΑ				
ra 0[6:0] =02	xx			<u>02</u> ID			04	
rb 0[6:0] =03	xx			03	F		0A	Ħ
a[127:0] =0000000	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx		000000000000000000000000000000000000000	0000	0000005	000000000000000000000000000000000000000	00000
b[127:0] =0000006	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	жxx		000000000000000000000000000000000000000	0000	000000A	000000000000000000000000000000000000000	00000
rd00[127:0]=0000006	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx		000000000000000000000000000000000000000	0000	0000005	00000000000000000000000	00000
rd01[127:0]=0000006	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx		00000000000000000000000	0000	000000A	000000000000000000000000000000000000000	00000
s =0								
result[127:0]=0000006	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx		0000000000000000000000	0000	000000F	000000000000000000000000000000000000000	00000
ore rt even[6:0]=0A	xx		02	03	0A			
struc hazard=0						Even		
even or odd 0=0						_		
even or odd 1=1					Ħ	Pipe Exe		F
newop0[10:0] =0100006	xxxxxxxxxx	01000000100			E	Г		
newop1[10:0] =0100006	xxxxxxxxxx	01000000100					xxxxxxxxxxx	
ep result[127:0]=0000006	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx		0000000000000000000000	0000	000000F	000000000000000000000000000000000000000	00000
op result[127:0] =xxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx						
even or odd 0=0								
ep result[127:0]=0000006	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx		0000000000000000000000	0000	000000F	w WB	00000
op_result[127:0] =xxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx					Ħ	
wd_even[127:0] =0000000	xxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxx			0000	00000000000000000	00000000000F	0000
even or odd 1=1								