

forwarding\_unit

EX/MEM.reg_rd==ID/EX.reg_rs	EX/MEM.reg_rd==ID/EX.reg_rt	MEM/WB.reg_rd==ID/EX.reg_rs	MEM/WB.reg_rd==ID/EX.reg_rt	FORWARD_A	FORWARD_B
0	0	0	0	0 00	00
0	0	0	0	1 00	01
0	0	1	1	0 01	00
0	0	1	1	1 01	01
0	1	0	0	0 00	10
0	1	0	0	1 00	10
0	1	1	1	0 01	10
0	1	1	1	1 01	10
1	0	0	0	0 10	00
1	0	0	0	1 10	01
1	0	1	1	0 10	00
1	0	1	1	1 10	01
1	1	0	0	0 10	10
1	1	0	0	1 10	10
1	1	1	1	0 10	10
1	1	1	1	1 10	10