

Time	100 sec				200 sec
Mux6control[1:0]=00	00				
choosePC[31:0]=00000008	00000004	00000008		0000000C	
PC[31:0]=00000004	00000000	00000004		00000008	
PCp4[31:0]=00000008	00000004	00000008		0000000C	
ALU2out[31:0]=00000008	00004000	00000008		0000000C	
Mux1control=0					
newPC[31:0]=00000008	00000004	00000008		0000000C	
Mux2control=0					
MemAddr[31:0]=00000004	00000000	00000004		00000008	
MemOut[31:0]=00000000	241D3FFC	00000000			
Dec1control=0					
InstructIn[31:0]=00000000	241D3FFC	00000000			
DataReg[31:0]=xxxxxxxx	xxxxxxxx				
RS[4:0]=00	00				
RT[4:0]=00	1D	00			
A[31:0]=xxxxxxxx	xxxxxxxx		00000000		
B[31:0]=xxxxxxxx	00000000	xxxxxxxx	00000000		
imm[15:0]=0000	3FFC	0000			
SEimm[31:0]=00000000	00003FFC	00000000			
Mux5control=1					
Mux5out[31:0]=00000000	00003FFC	00000000			
ALU3res[31:0]=xxxxxxxx	xxxxxxxx		00000000		
Mux3control[1:0]=00	00				
Mux4control[1:0]=00	00				
RegAw[4:0]=00	07	00			
RegDw[31:0]=xxxxxxxx	xxxxxxxx		00000000		
RegWE=1					
Mem_WE=0					