

Name: Lam Ngo

Processor Name: Chiron

Processor Description: Single Cycle Processor with Branch and Jump support

Score Sheet

Feature	Value	Passes Tests	Screenshots	Score
Basic: ALU	10	Yes	Yes	
Basic: R and I type	10	Yes	Yes	
Basic: LW and SW	10	Yes	Yes	
Basic: Assembler	20			
Basic: Writeup	20			
A la Carte				
Carry Look ahead adder	10	Yes	Yes	
Beq	10	Yes	Yes	
Jump instructions	10	Yes	Yes	
Support for function calls	20	Yes	Yes	
The stack (via \$sp)	10	Yes	Yes	
Assembler -handle labels		Yes	Yes	

- 2 pseudo instructions				
Slt/sgt		Yes	Yes	
16 bit		Yes	Yes	
Total	130			(earned)