## ECE - 448 Lab Section - 201

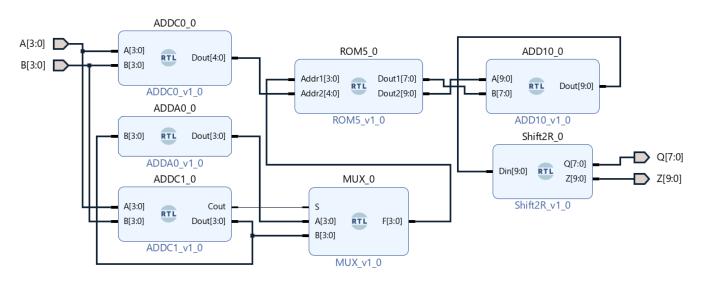
## Lab 2

Name: Kevin Tavara

G Number: G00971964

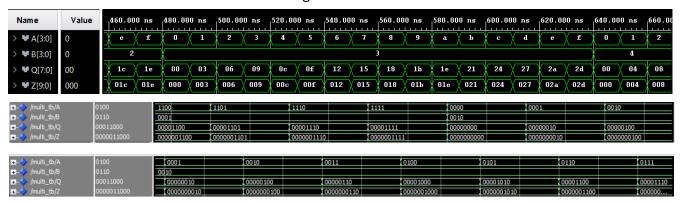
## Part 1:

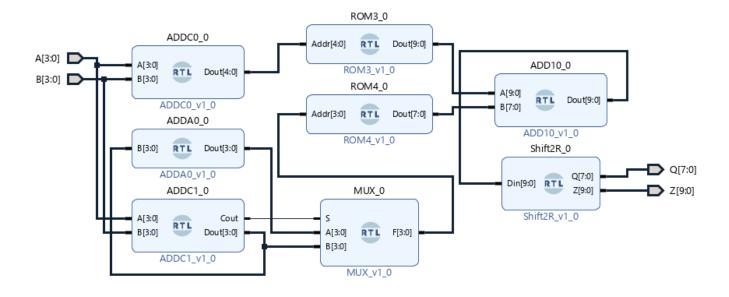
### Bonus:



Name	Value	lue 80.000 ns		100.000 ns		120.000 ns		140.000 ns		160.000 ns		180.000 ns		200.000 ns		220.000 ns		240.000 ns		260.000 ns		280.00	
> <b>W</b> A[3:0]	0	8	9	a	b	e	d	e	f	0	1	2	3	4	5	6	7	8	9	a	b	C	
> <b>W</b> B[3:0]	0	0									1												
> ₩ Q[7:0]	00	00									01	02	03	04	05	06	07	08	09	0a	Оь	Oc	
> <b>W</b> Z[9:0]	000	000									001	002	003	004	005	006	007	008	009	00a	00ь	00c	

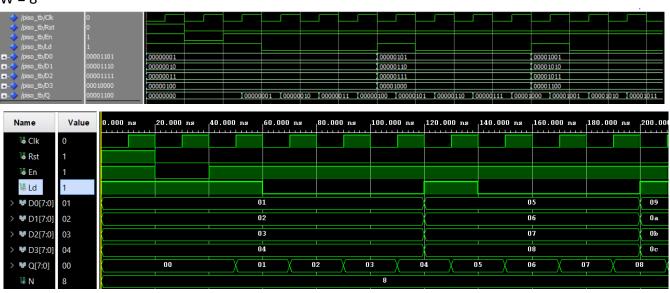
# Regular 2 ROMs:



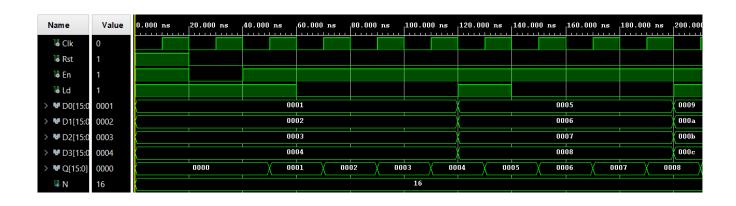


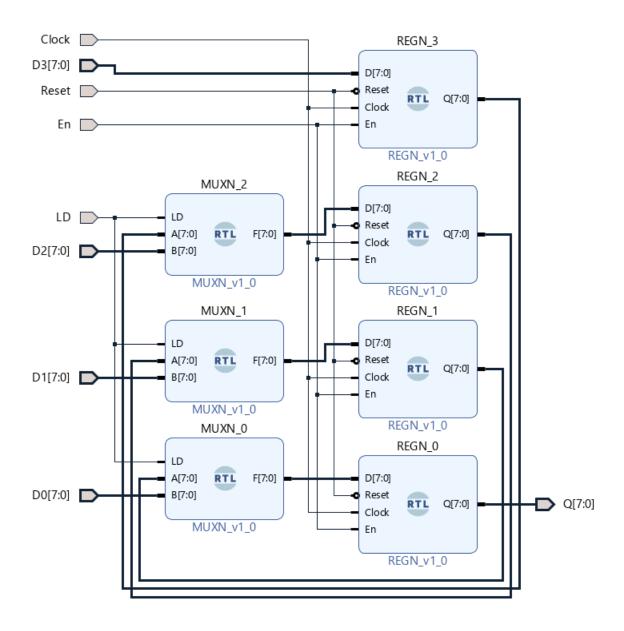
#### Part 2:

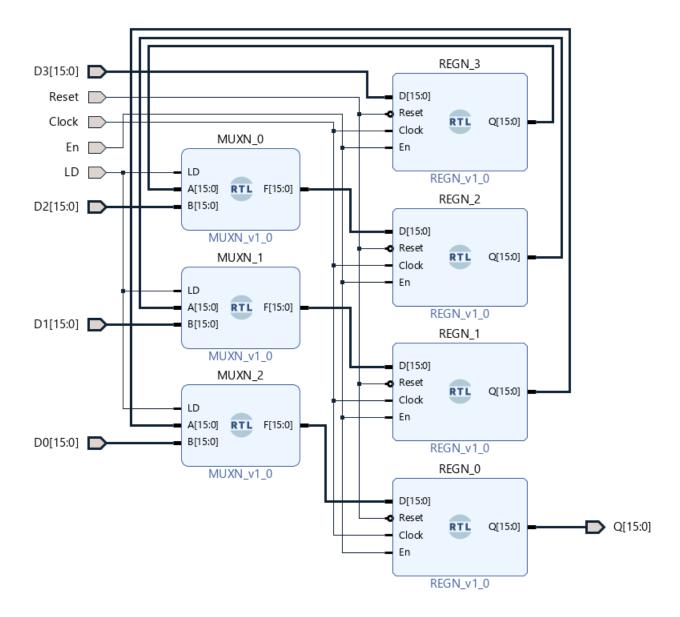
## W = 8



W = 16







Part 3: I'm going to have to rate the vivado simulator a 9 while the modelsim simulator gets a 6, I had several issues trying to get modelsim to work and honestly I don't really see the advantage, I like the vivado simulator because it's integrated, while I don't mind the modelsim simulator it just adds a layer of complexity also I would highly suggest adding the tcl modelsim compile command in the guide for modelsim.