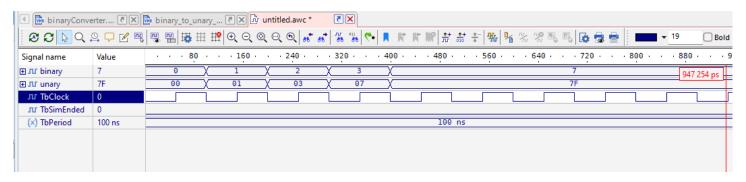
طراحي سيستم هاي ديجيتال 1402-1403

تمرین 3 سیده شکیبا انارکی فیروز 99442047

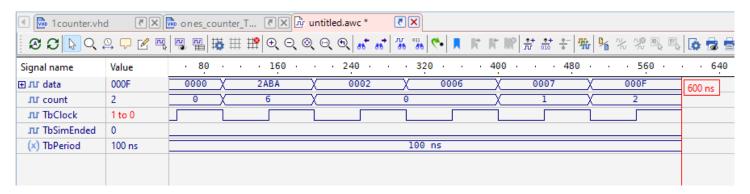
(Q1

Waveform:



(Q2

Waveform:



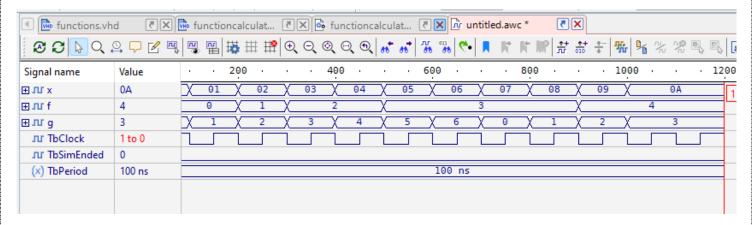
(Q3

Waveform:

Signal name	Value	40 80	120 160	200	240 2	80 32
⊕ ЛГ a	0F		01		0F	291 721 ps
⊕πb	06		02	Х	06	251121 p3
⊕лс	04	08	X	04		
υd	04		00		04	
⊕лге	03	0A	X	03		
⊕ лu f	02	9C	0C X 02			
∄	0F	9C	χ 04	Х	0F	
⊕ лг min_num	02		00 χ			
	02		00			
⊞ Л Г sorted_num2	03		01			
⊞ 	04		02			
	04	08	X 02	Х	04	
	06	0A	χ 03	Х	06	
⊞ JJ sorted_num6	0F	9C	χ 04	Х	0F	
Ⅲ most_frequent	04	00	X 02	X	04	
лг TbClock	1					
JI TbSimEnded	0					
(x) TbPeriod	100 ns		100 ns			
Cursor 1					2	91 721 ps
		4				

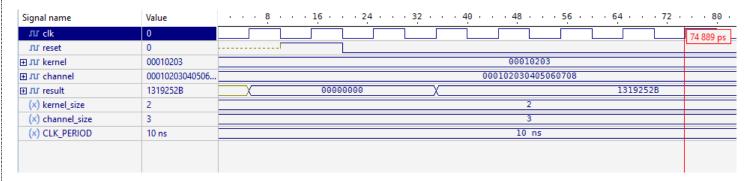
(Q4

Waveform:

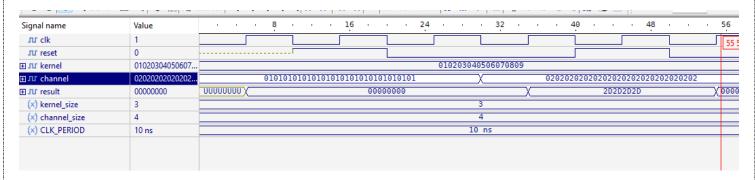


(Q5

Waveform for 2*2 and 3*3 matrix:



Waveform for 3*3 and 4*4 matrix:



(Q6

Waveform:

