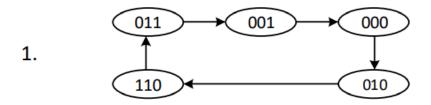
Seria A

Proiect CID

Să se proiecteze automatul de tranziții (a) folosind un numărător pe 4 biți descris de tabelul de adevăr (n) și un multiplexor (m).

Automat de tranziții



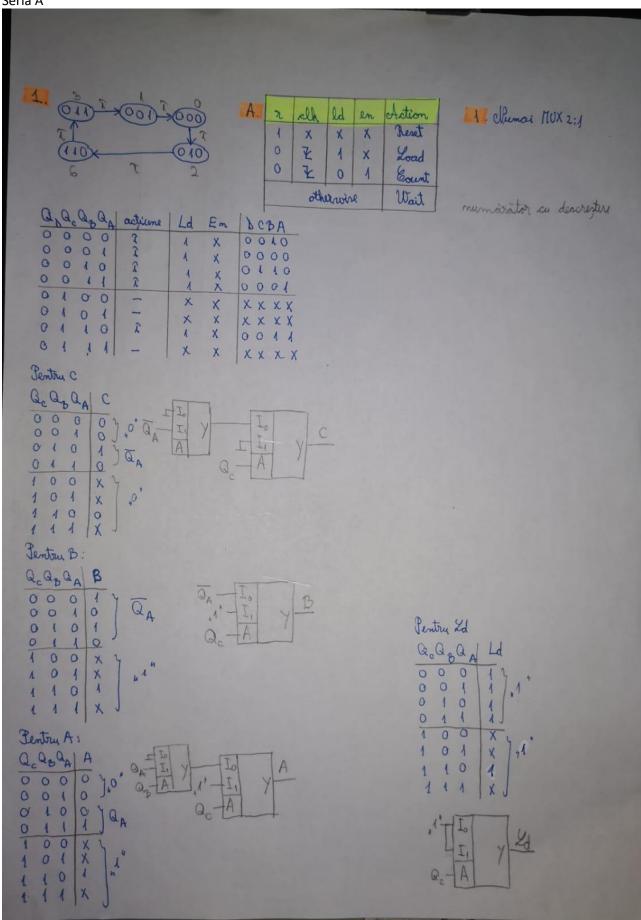
Tabel de adevăr pentru numărătoare

Α	r	clk	ld	en	Action
	1	x	x	x	Reset
	0	Ţ	1	x	Load
	0	¥	0	1	Count
	otherwise				Wait

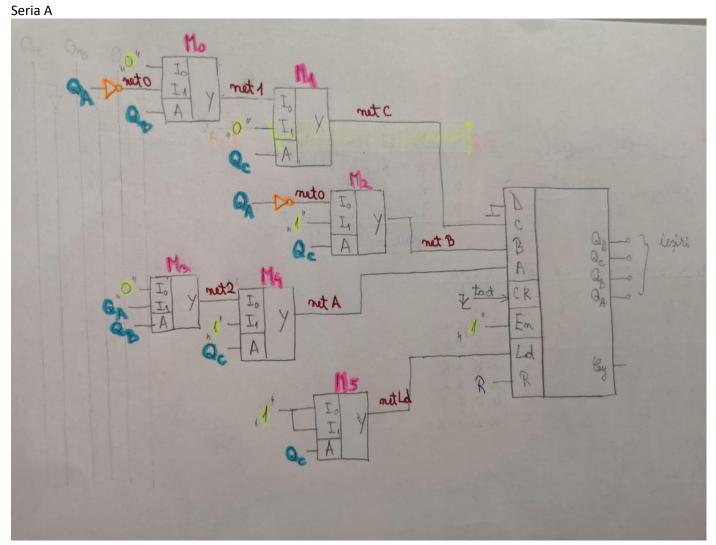
Multiplexor

I. Numai MUX 2:1

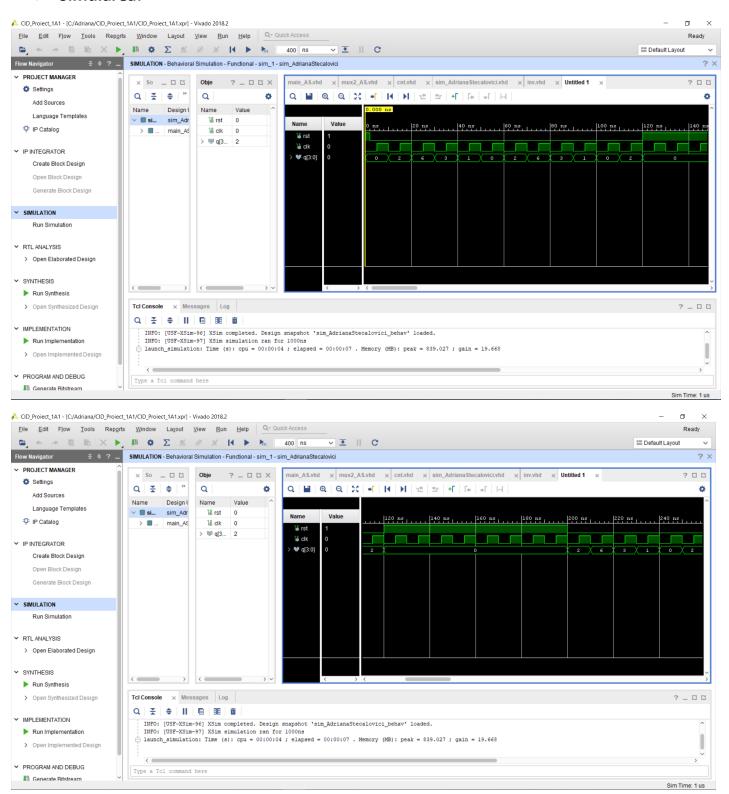
•		
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Adriana-Vasilica Stecalovici Grupa: 2123, semigrupa 2

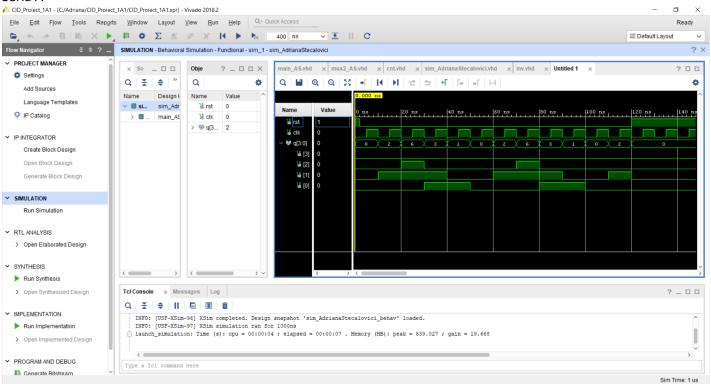


> Simularea:

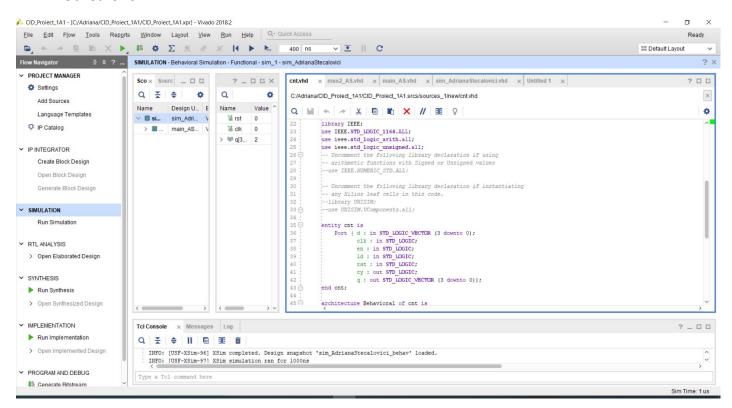


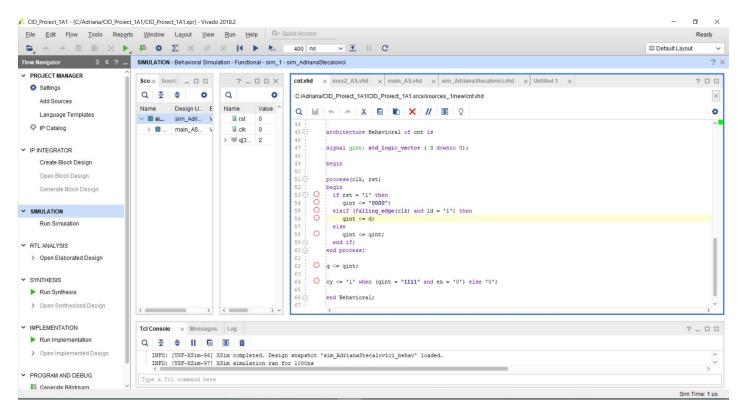
Adriana-Vasilica Stecalovici Grupa: 2123, semigrupa 2

Seria A

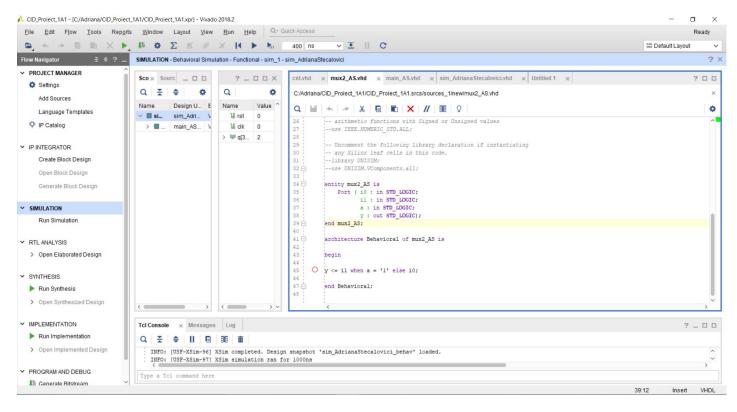


Sursa cnt:



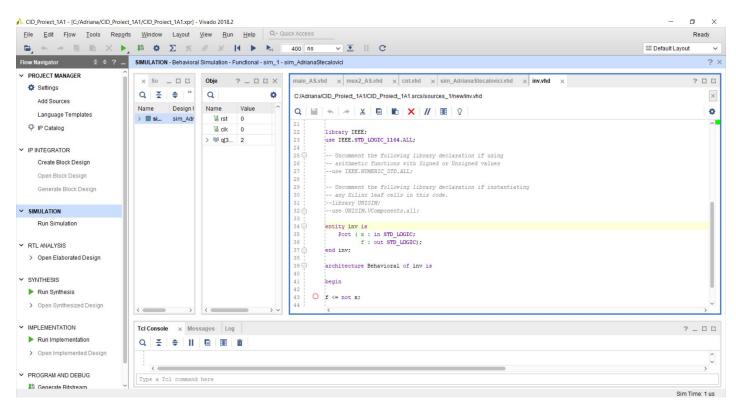


Sursa mux2_AS:

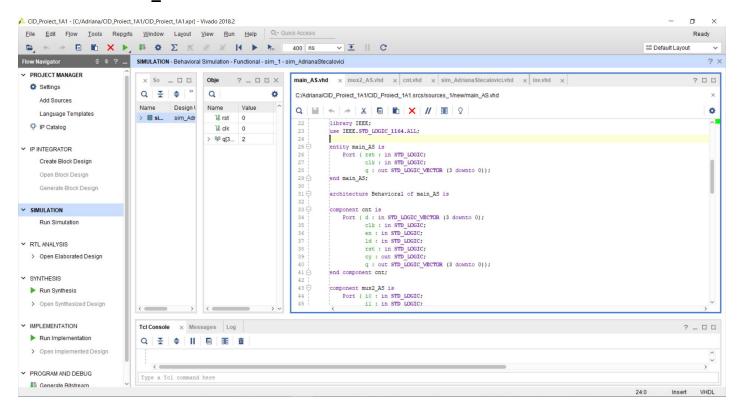


Adriana-Vasilica Stecalovici Grupa: 2123, semigrupa 2 Seria A

> Sursa inv:



> Sursa main AS:

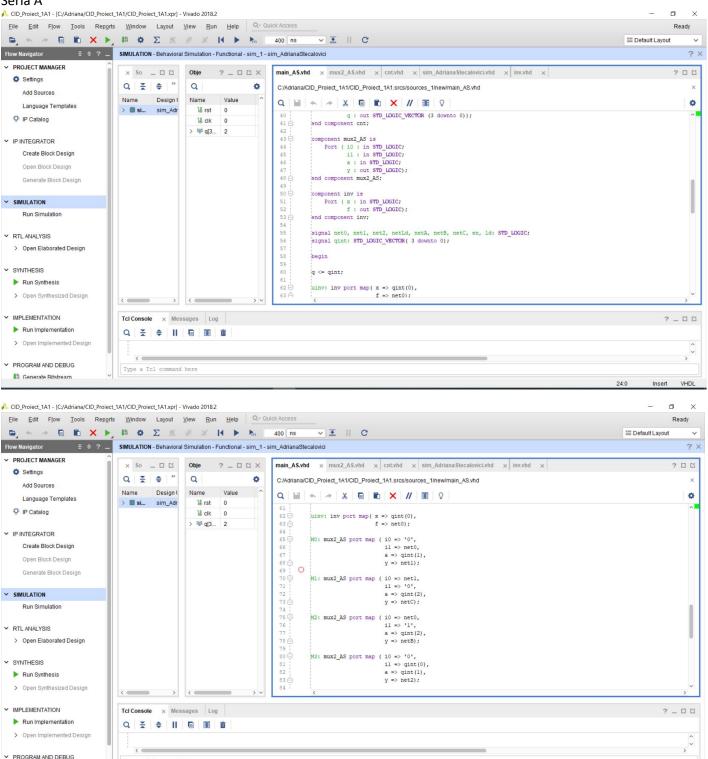


Adriana-Vasilica Stecalovici Grupa: 2123, semigrupa 2

Type a Tcl command here

III Generate Bitstream

Seria A

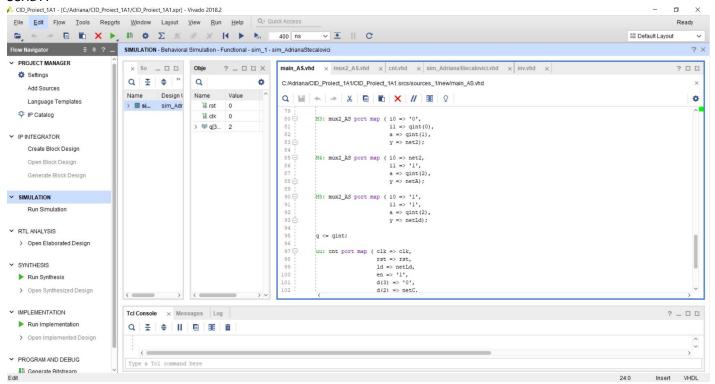


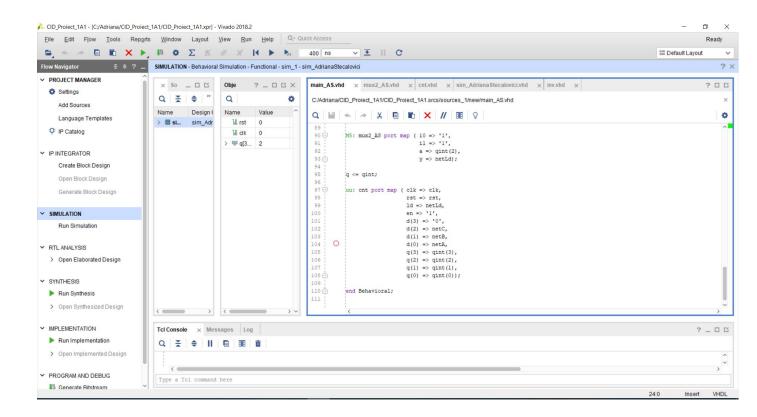
24:0

Insert VHDL

Adriana-Vasilica Stecalovici Grupa: 2123, semigrupa 2

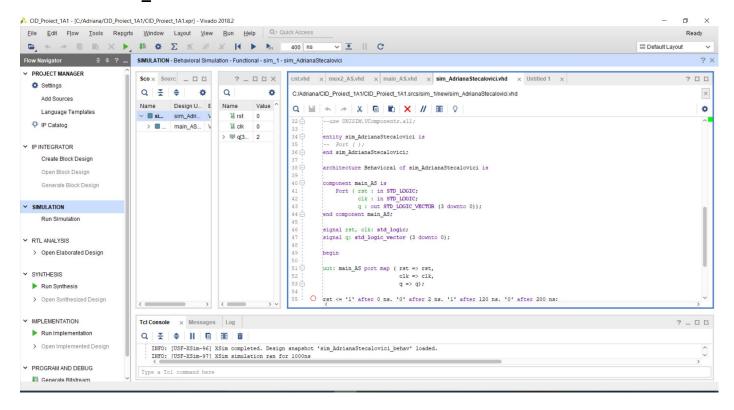
Seria A

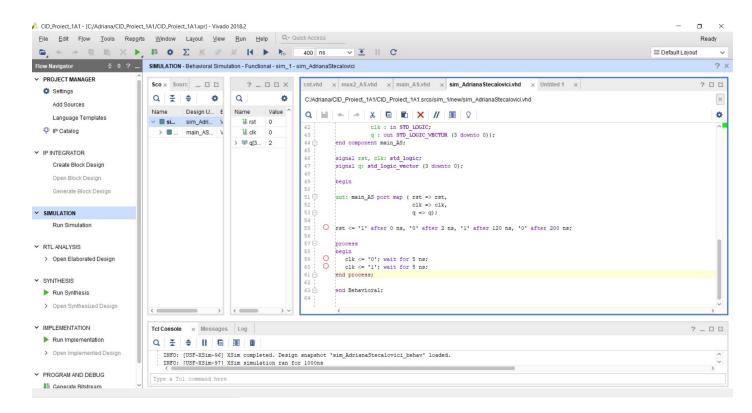




Seria A

Sursa sim_AdrianaStecalovici:





Adriana-Vasilica Stecalovici Grupa: 2123, semigrupa 2

Seria A

> Schema electrică:

