# **Proiect Circuite Integrate Digitale**

Nume: Leba Giulia-Maria

Grupa: 2125

## Temă proiect:

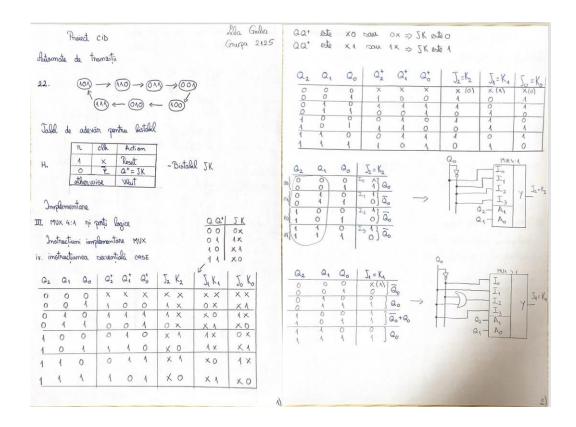
1. Automatul de tranziții: 22

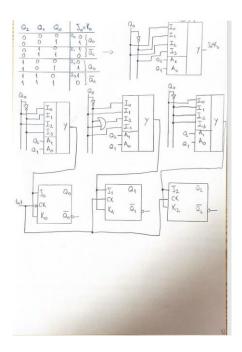
2. Tabel de adevăr pentru bistabil: H.

3. Implementare: III. MUX 4:1 și porți logice

4. Instrucțiuni implementare MUX: iv. Instrucțiunea secvențială CASE

## 1. Rezolvarea proiectului pe hârtie





## 2. Rezolvarea proiectului în Vivado

## 2.1. Surse de design

• MUX 4:1

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• Poarta inversoare (not)

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#### • Poarta OR

### • Bistabilul JK

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#### Automatul

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### Actional Component Control Control
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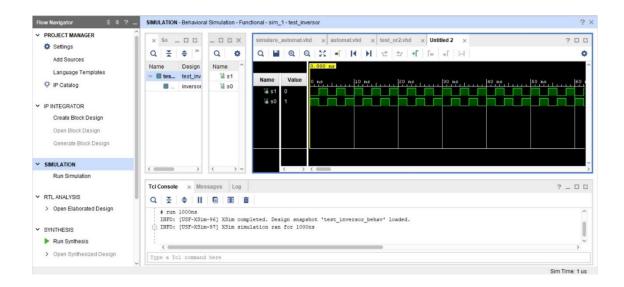
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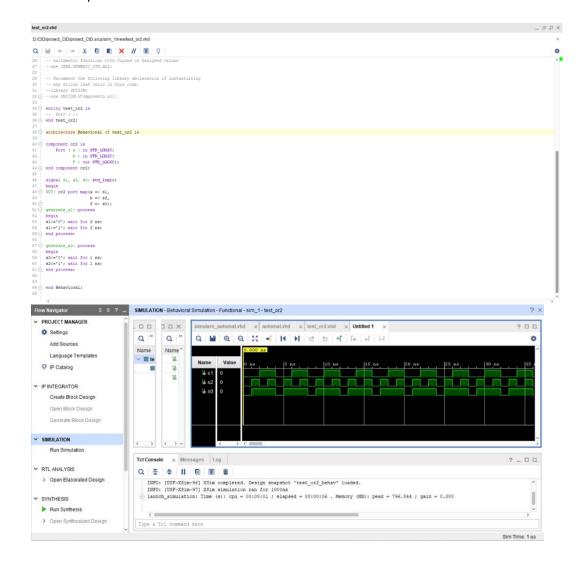
#### 2.2. Surse de simulare

• Simulare poarta inversoare

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#### • Simulare poarta OR



• Simulare automat

