## YILDIZ TEKNİK ÜNİVERSİTESİ BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ



## Ders: BLM2022 Bilgisayar Donanımı ÖDEV-1 Raporu

Öğrenci Adı Soyadı: Sait Yalçın

Öğrenci No: 20011024

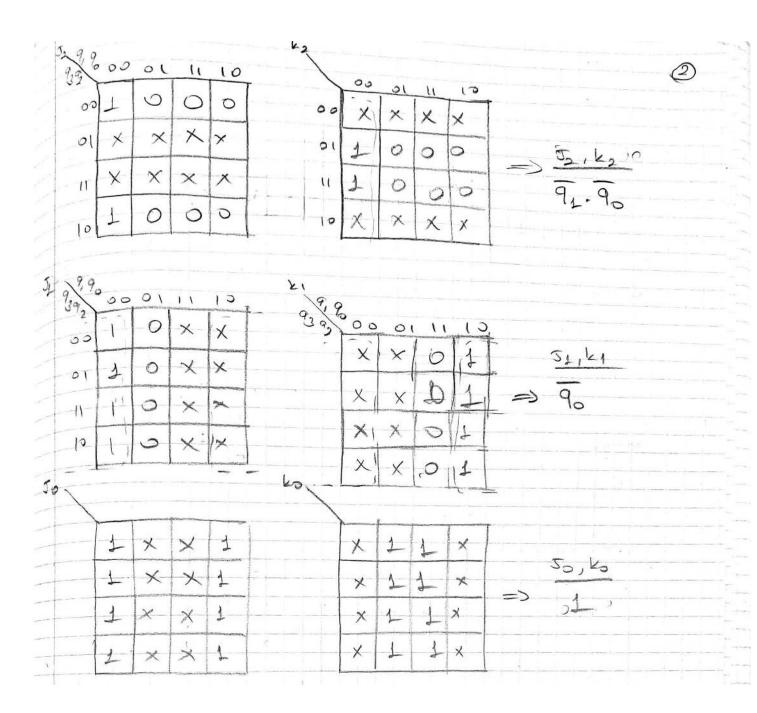
Öğrenci e-posta: sait.yalcin@std.yildiz.edu.tr

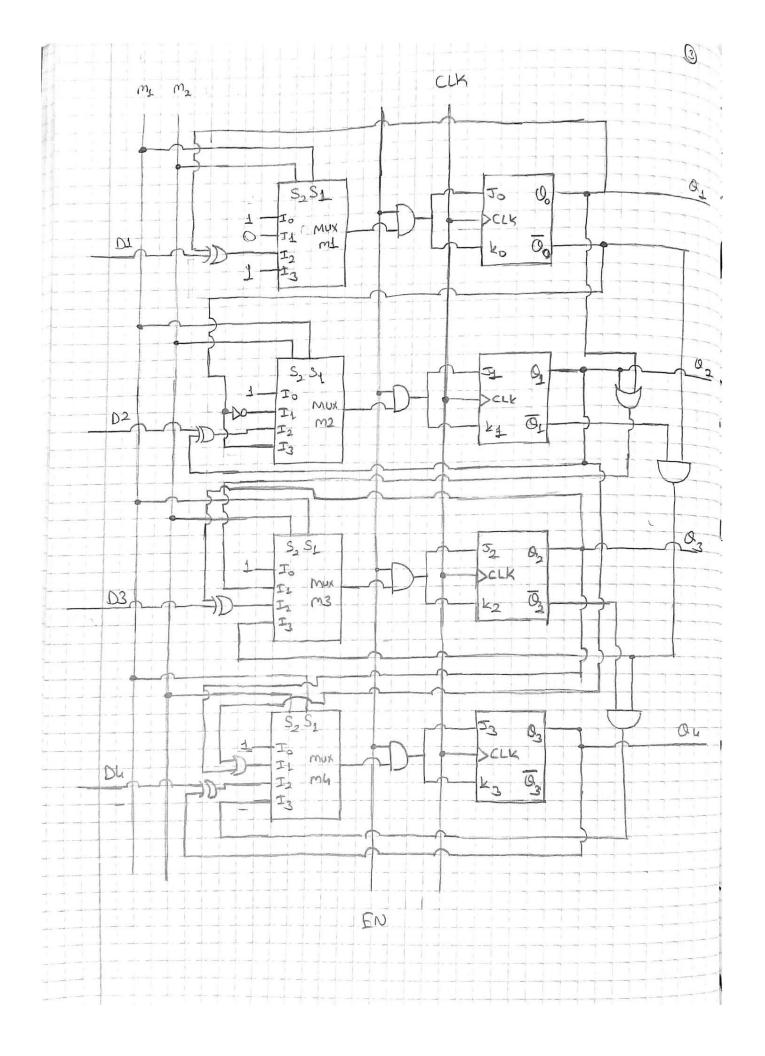
Ders Yürütücüsü: Dr.Öğr.Üyesi Ali Can KARACA

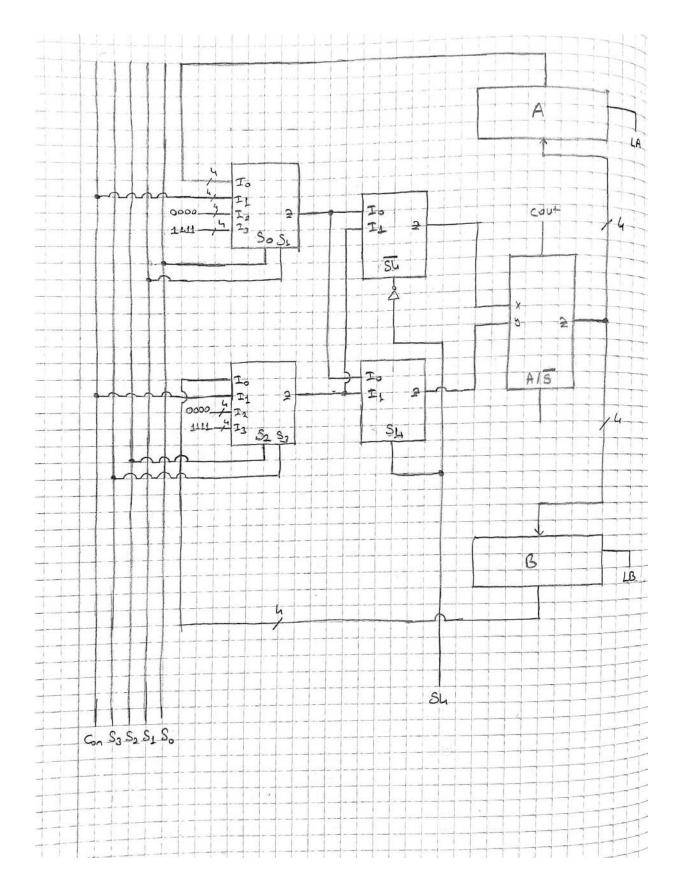
## **İÇİNDEKİLER**

Soru – 1	3
Soru – 2	5

m, m, J	r Dr	-> 7cm	sk la	1450	
	× 0 × × × × × × × × × ×	D, 0	200 at 11 X   X   X X   X   O	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
5 70 00 01 11 0 0 X X 1 X 1 X	X		9 9	x 1 x x 1 x x 1 x x 1 x x 1 x x 1 x x 1 x x x 1 x x x 1 x x x 1 x	
	9, 9, 9,	9. 1 1		52 k2 J,	E1 70 F
	100000000000000000000000000000000000000	100010000000000000000000000000000000000	0 X 0 X X Q X Q X Q X Q X Q X Q	0 X 0 X 0 X 0 X 1 1 1 1 1 1 1 1 1 1 1 1	7 7 X
392 00 01 11 10		00 01		53=92.91.90	
010000	- 91	XX	XXX	13=9291-	9.
10 × × × ×		10	00		







Kontrol Igaretteri =

Not: Adder / Substractor'in (x-y) yaptique vorsayılıyar.

- tor e con

A = con: S1=0, S0=1; S3=1, S2=0; SL=0; A/S=1; LA=1, LB=0

B= con: S1=0, S0=1; S3=1, S2=0; SL=0; A/S=1; LA=0, LB=1

- tor & Src

B=A: S1=0, S0=0; S3=1, S2=0; SL=0; A/\$=1; LA=0, LB=1

A=B: S1=1, S0=0; S3=0, S2=0; SL=0; A/\$=1; LA=1, LB=0

B=B: S1=1, S0=0; S3=0, S2=0; SL=0; A/\$=1; LA=0, LB=1

A=A: S1=0, S0=0; S3=1, S2=0; SL=0; A/\$=1; LA=1, LB=0

-tore A+B

A = A+B: S1=0, S0=0; S3=0, S2=0; S4=0; A/\$=1; LA=1, LB=0 B= A+B: S1=0, S0=0; S3=0, S2=0; S4=0; A/\$=1; LA=0, LB=1

- tor E A-B

A = A-B: S1=0, S0=0; S3=0, S2=0; Sh=1; A1s=0; LA=1, LB=0

B=A-B: S1=0, S0=0; S3=0, S2=0; Sh=0; A1s=0; LA=0, LB=1

- + ar = src+1 (con=1)

 $A \leftarrow A+1 = S1=0$ , S0=0; S3=0, S2=1; S4=0; A/S=1; LA=1, LB=0  $A \leftarrow B+1$ : S1=0, S0=1; S3=0, S2=0; S4=0; A/S=1; LA=1, LB=0  $B \leftarrow B+1$ : S1=0, S0=1; S3=0, S2=0; S4=0; A/S=1; LA=0, LB=1 LA=0, LB=1LA=0, LB=1

- tor c 8rc-1 (con = 1)

A-A-1: S1=0, S0=0; S3=0, S2=1; Sh=0; A/\$=0; LA=1, LB=0

A-B-1: S1=0, S0=1; S3=0, S2=0; Sh=1; A/\$=0; LA=1, LB=0

B-B-1: S1=0, S0=1; S3=0, S2=0; Sh=1; A/\$=0; LA=0, LB=1

B-A-1: S1=0, S0=0; S3=0, S2=1; Sh=0; A/\$=0; LA=0, LB=1

tor & Src A = A: S1=0,80=0; S3=1, S2=1; SL=0; A/S=0, LA=1, LB=0 A = B: 81=1,80=1 383=0,82=0: 84=0; A/3=0; LA=1, LB=0 B = B : 81=1, S0=1; 83=0, S2=0; 84=0; A15=0; LA=0, LB=1 BEA: \$1=0, S0=0: 83=1, 52=1; SU=0; A13=0; LA=0, LB=1 tore StetL A = A+1: S1=0, S0=0; S3=1, S2=0; SU=0; A/8=0; LA=1, LB=0 A = B+1: S1=1, S0=0: S3=0, 32=0; S4=0; A15=0: LA=1, LB=0 B = B+1: S1=1, 30=0; S3=0, S2=0; S4=0; A1=0; LA=0, LB=1 BEA+1: S1=0, S0=0; S3=1, S2=0; S4=0; A13=0; LA=0, LB=1