Facultatea de Matematică și Informatică

Universitatea din București
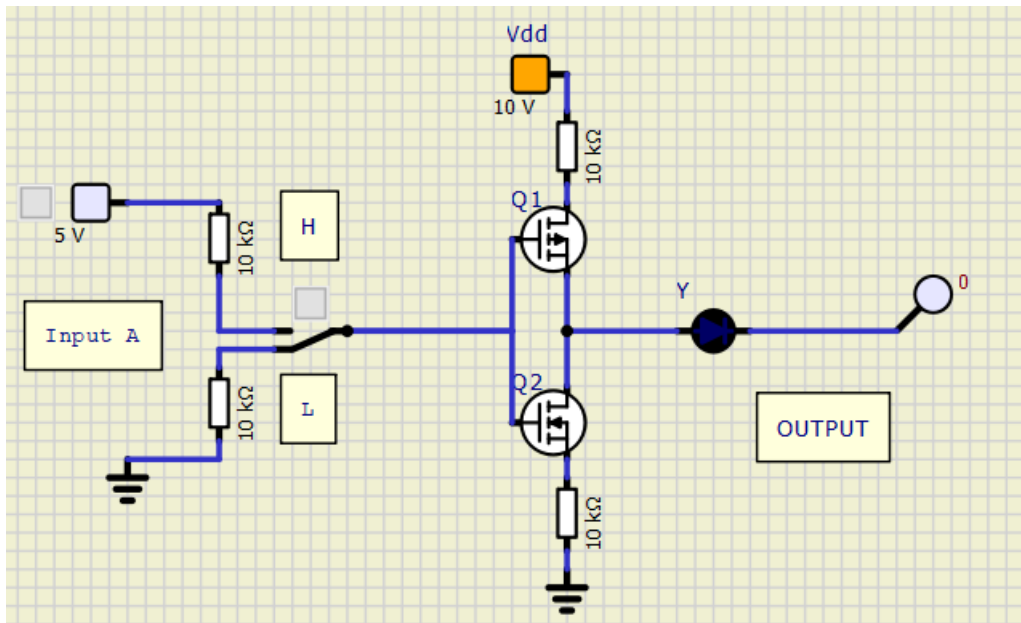
Temă laborator 1

Electronică digitală

Student, Marin Constantin – Cătălin
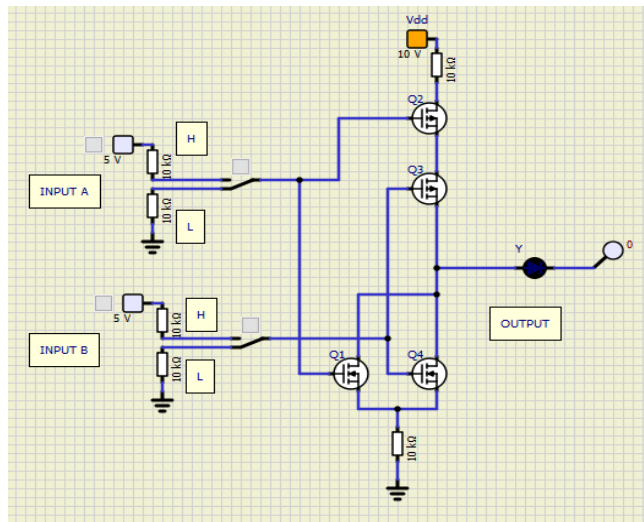
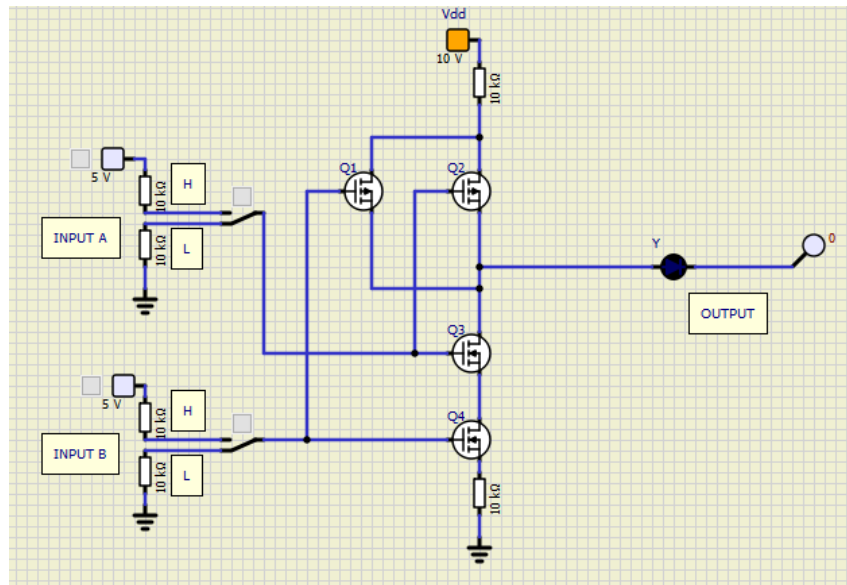București, 2020

Circuit 1

A	Q1	Q2	Y
L	ON	OFF	H
H	OFF	ON	L

Circuit 2

A	B	Q1	Q2	Q3	Q4	Y
L	L	OFF	ON	ON	OFF	H
L	H	OFF	ON	OFF	ON	L
H	L	ON	OFF	ON	OFF	L
H	H	ON	OFF	OFF	ON	L

2

Circuit 3

A	B	Q1	Q2	Q3	Q4	Y
L	L	ON	ON	OFF	OFF	H
L	H	OFF	ON	OFF	ON	H
H	L	ON	OFF	ON	OFF	H
H	H	OFF	OFF	ON	ON	L

Circuit 4
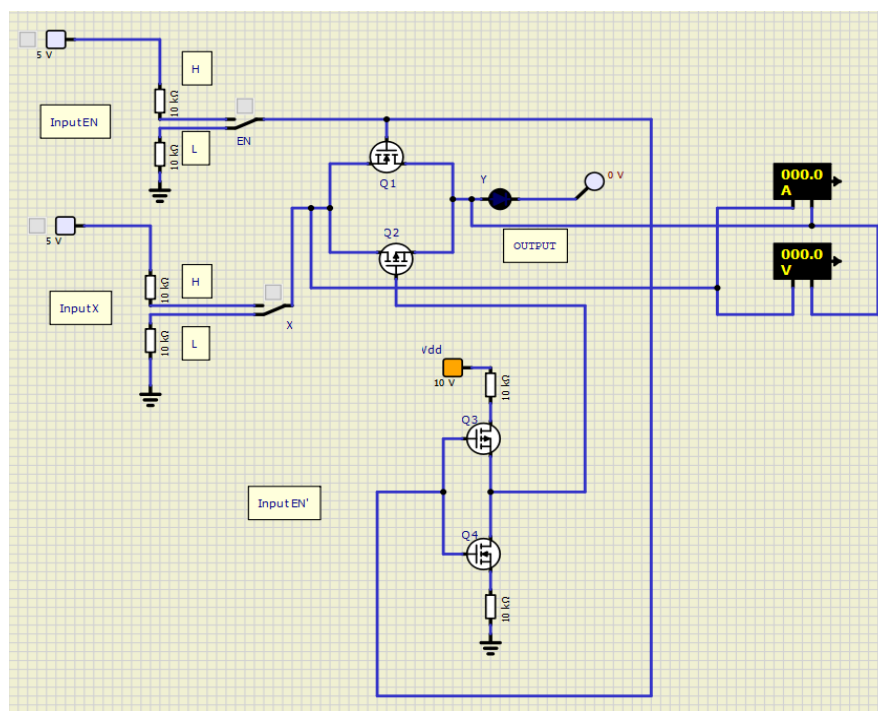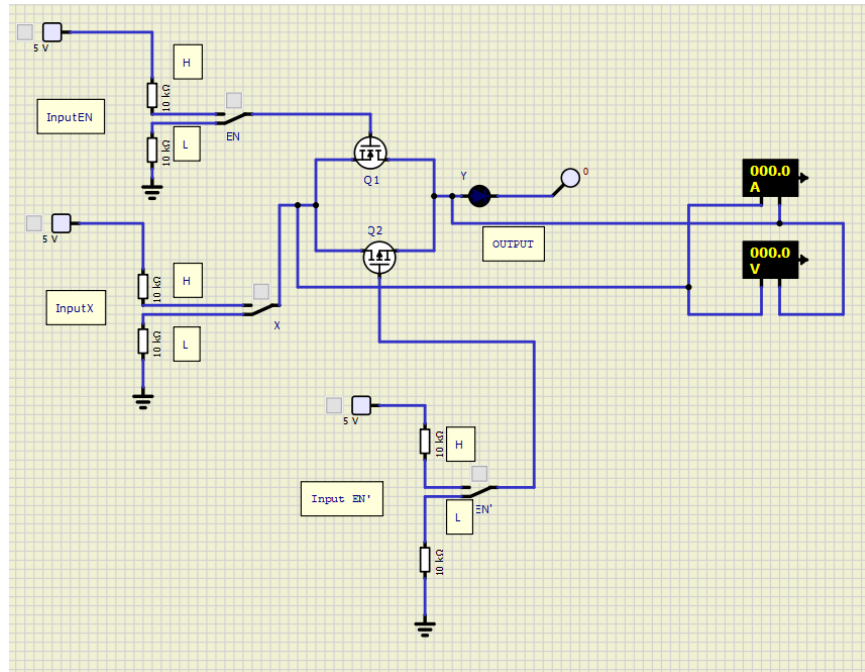
Polaritate X/Y	EN	Z(Ω)
+/-	L	$20*10^6$
+/-	H	0.14
-/+	L	$24*10^6$
-/+	H	0.14

Circuit 5
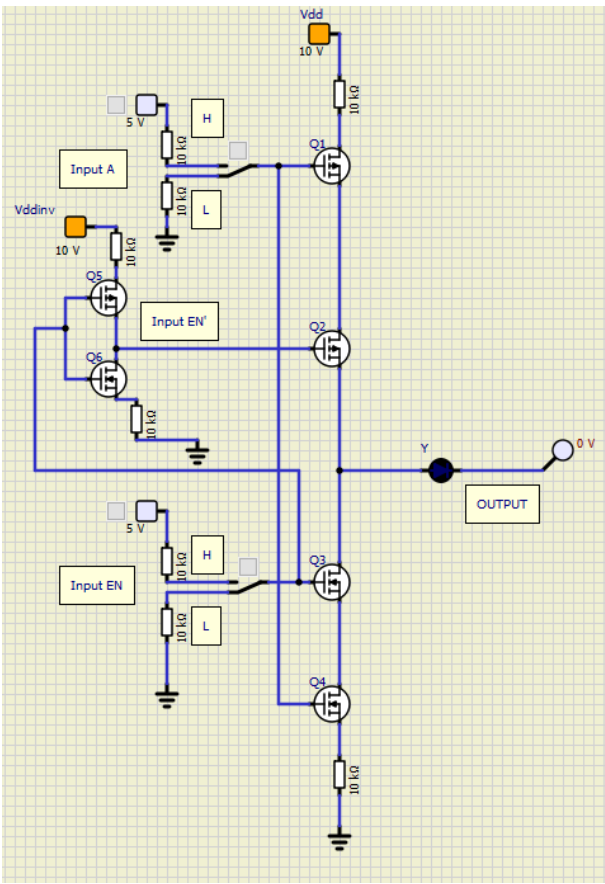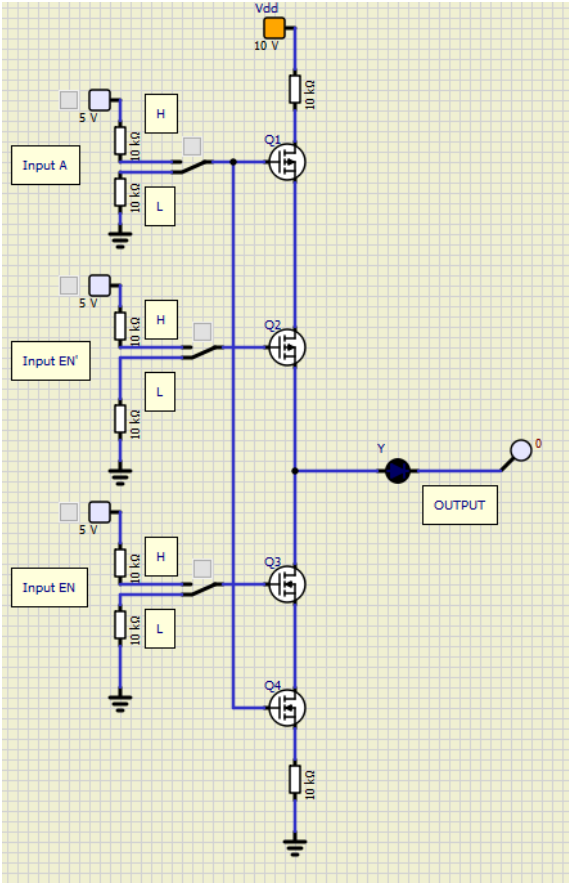
A	EN	EN'	Q1	Q2	Q3	Q4	Y
L	L	L	ON	ON	OFF	OFF	H
L	L	H	ON	OFF	OFF	OFF	Z
L	H	L	ON	ON	ON	OFF	H
L	H	H	ON	OFF	ON	OFF	Z
H	L	L	OFF	ON	OFF	ON	Z
H	L	H	OFF	OFF	OFF	ON	Z
H	H	L	OFF	ON	ON	ON	L
H	H	H	OFF	OFF	ON	ON	L