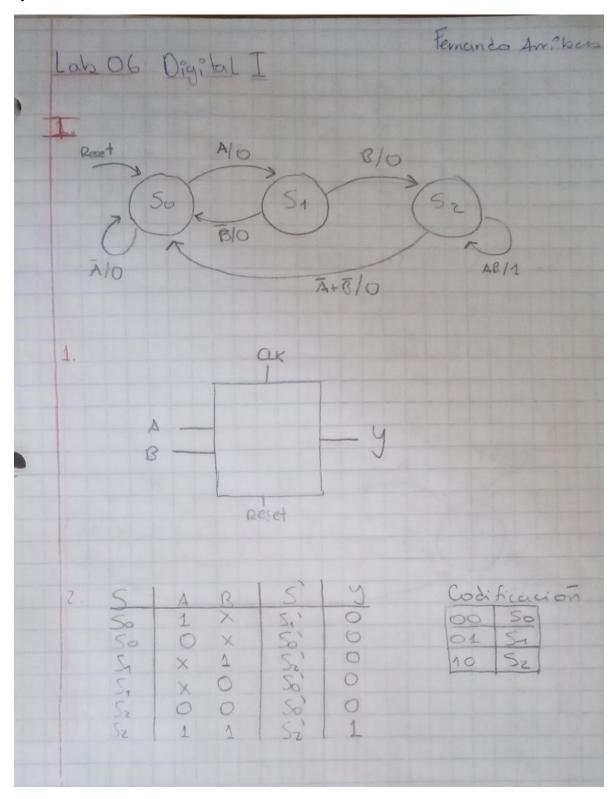
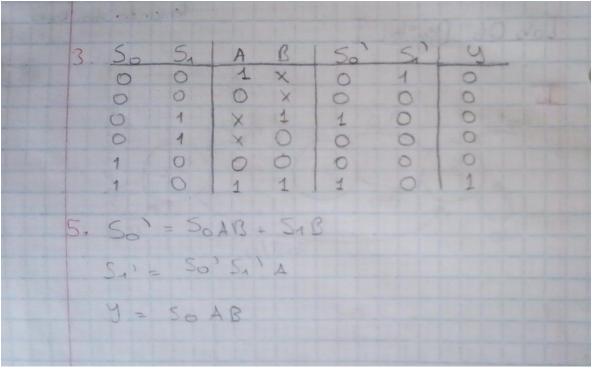
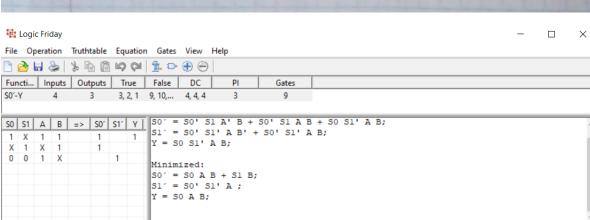
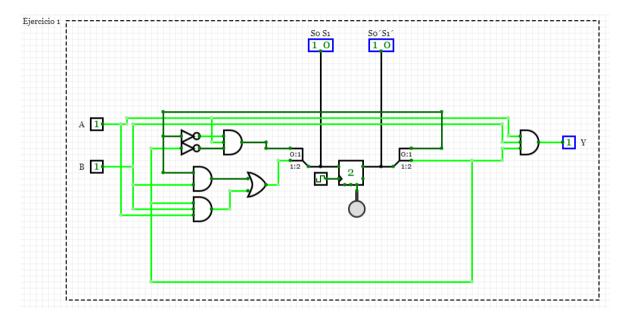
Laboratorio 06 Electrónica Digital 1

Ejercicio 1

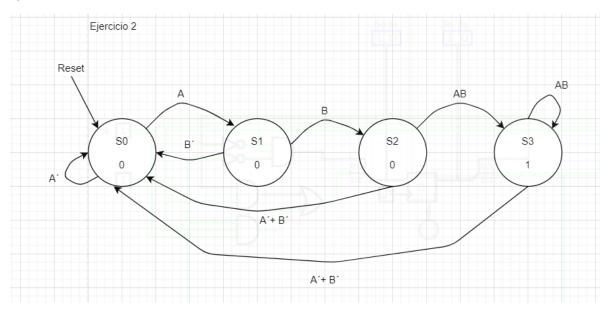




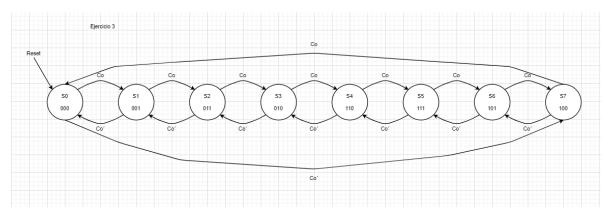




Ejercicio 2



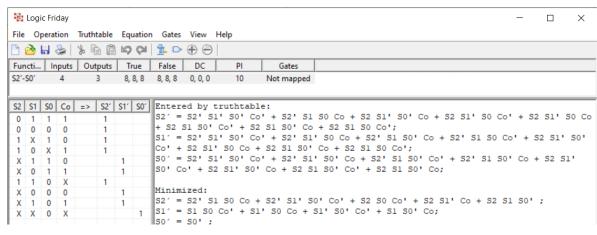
Ejercicio 3



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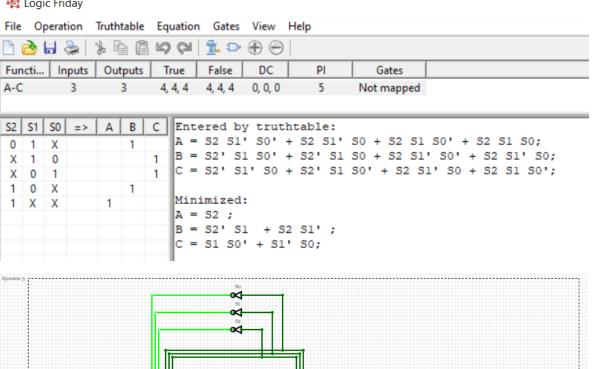
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		A = S2	
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		C = 5,50 + 5,50	
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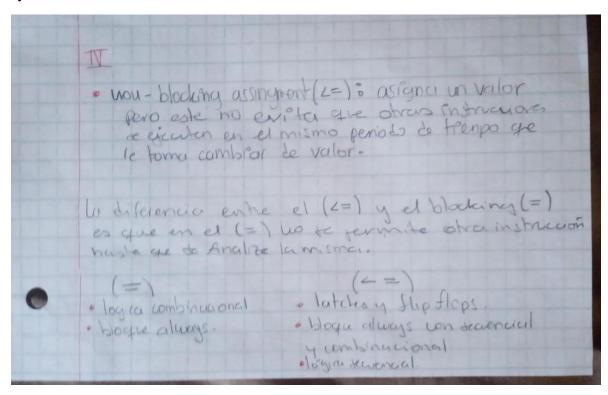




Co O



Ejercicio 4



Ejemplo Non-Blocking Assingment

```
module flipflop_4b(input logic clk, input logic reset, input logic en, input logic [3:0] d, output logic [3:0] q);

always @ (posedge clk, posedge reset)

if (reset) q <= 4'b0;
else if (en) q <= d;

endmodule
```

Ejemplo Blocking Assignment

```
module tabla1(input wire A, B, C, output wire Y);

assign Y = (~A & ~C) | (A & ~B) | (A & C);

endmodule
```