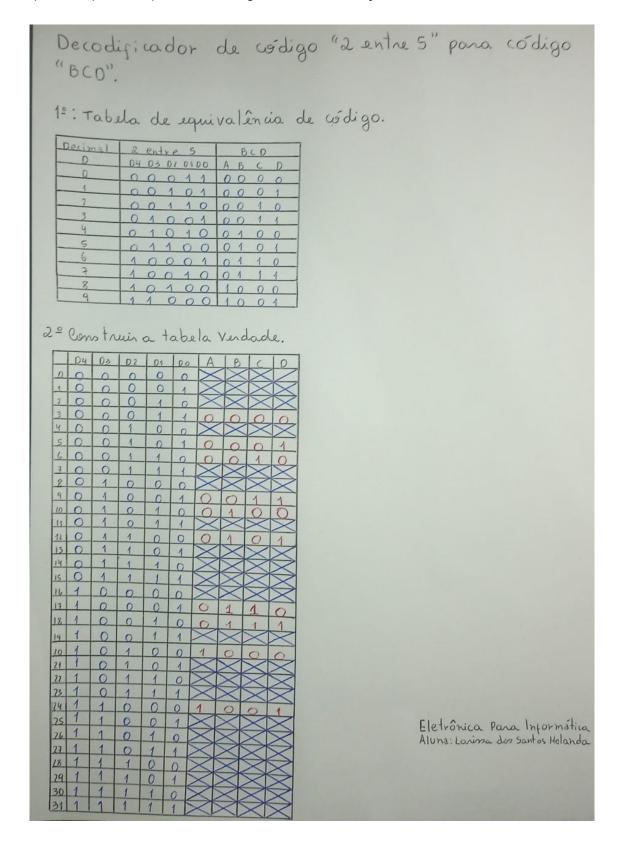
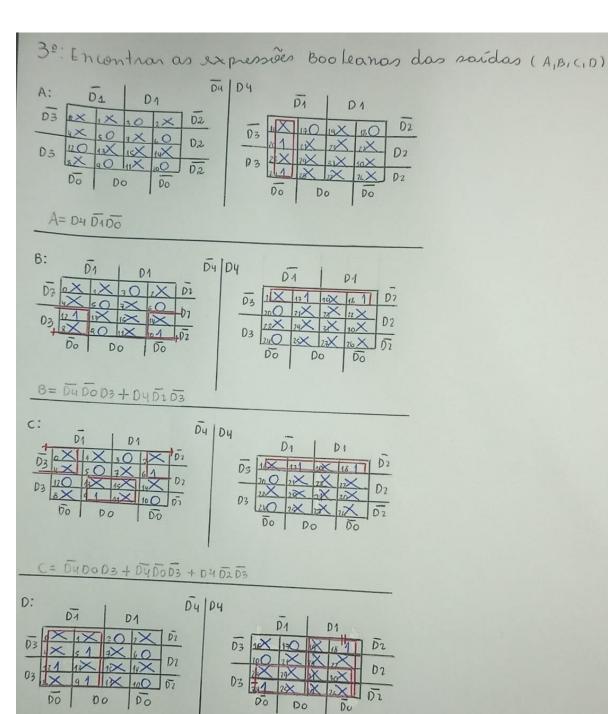
### Eletrônica para Informática Aluna: Larissa dos Santos Holanda

Fazer um decodificador de código "2 entre 5" para código "BCD". O circuito final deverá ser simplificado pelos mapas de Karnaugh. Fazer a simulação no software Proteus.

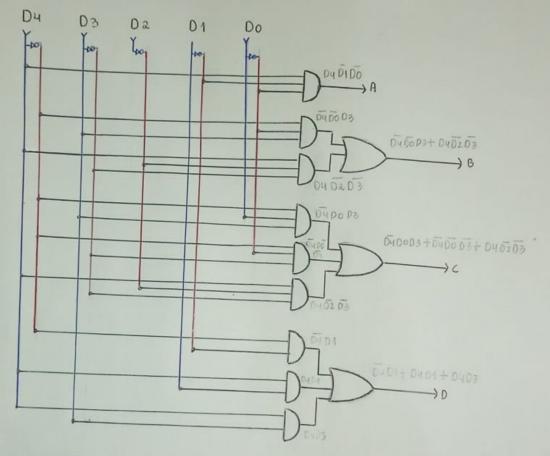




D= D4 D1 + 04 D1 + D4 D3

Eletrônica Pana Informática Aluna: Larima dos Santos Holanda

# 4º: Fazer o circuito Final



## Expremões

A= D4 D1 Do

B= D4 DO D3 + D4 D2 D3

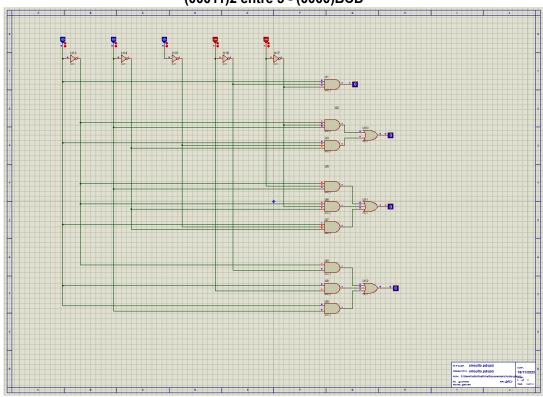
C= D4 D0 D3 + D4 D0 D3 + D4 D2 D3

D= D4 D1 + D4 D1 + D4 D3

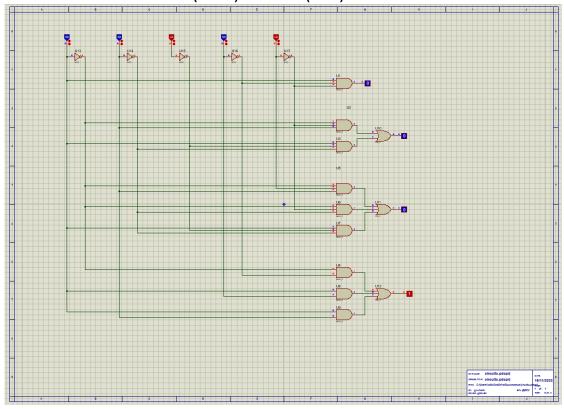
Eletrônica para Informática Aluna Larissa dos Santos Idanda

## Simulação do circuito no Proteus

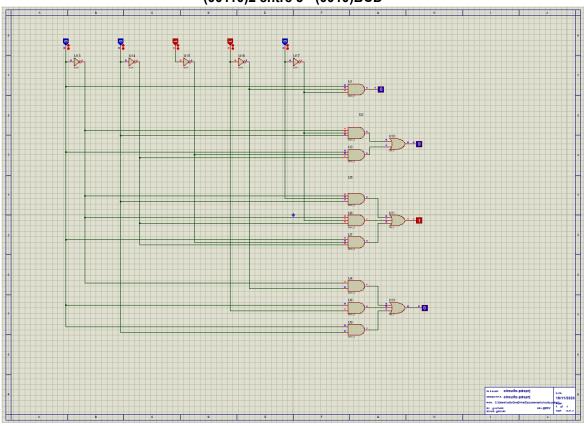
(00011)2 entre 5 - (0000)BCD



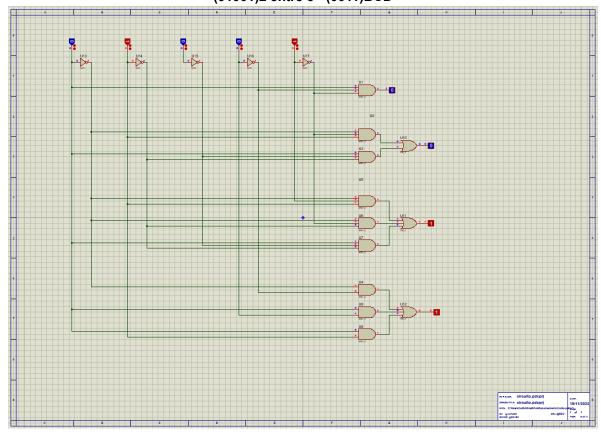
(00101)2 entre 5 - (0001)BCD

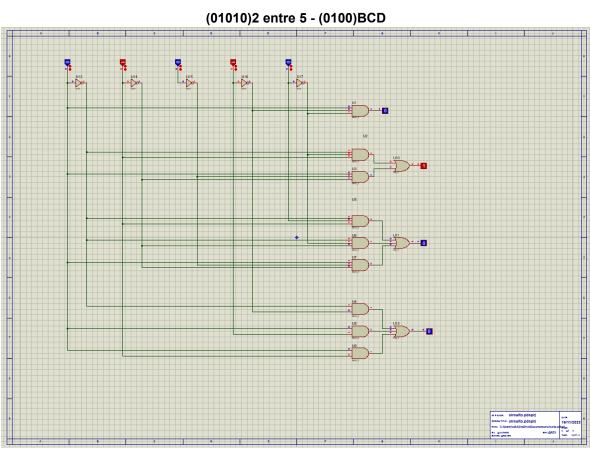


### (00110)2 entre 5 - (0010)BCD

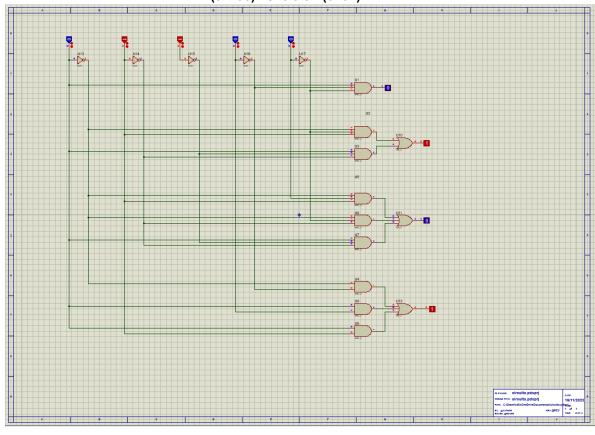


### (01001)2 entre 5 - (0011)BCD

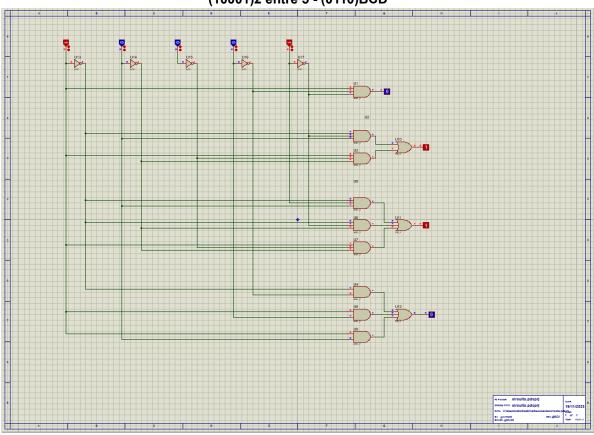


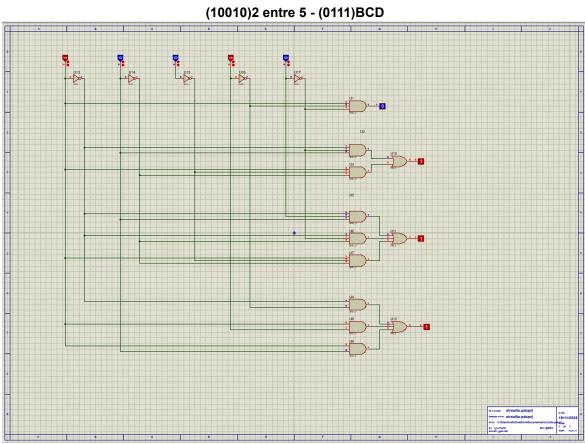


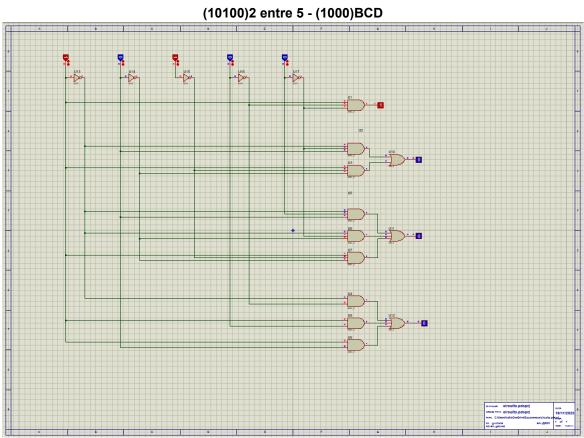
### (01100)2 entre 5 - (0101)BCD



### (10001)2 entre 5 - (0110)BCD







### (11000)2 entre 5 - (1001)BCD

