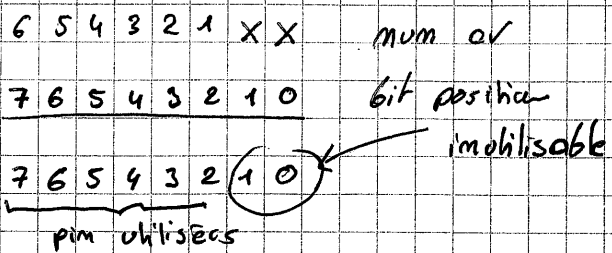
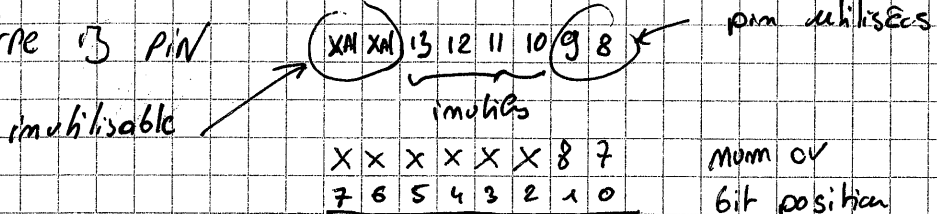


Registre 1) PIN



Registre 3) PIN



Setup

DDR 1)

1 = 11111100

PORT 1)

d = 00000011

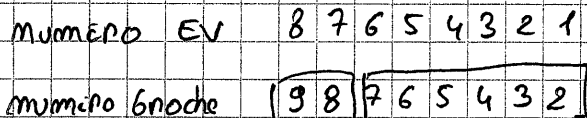
Ne pas exécuter PORT avant DDR car modif. registre pullup pour Rx qui est en input.

DDRB

1 = 00000011

PORT B

d = 11111100



Registre B

Registre C

arithme : état et avant opération :

byte - received
 $B = 10000001$
 \rightarrow source or bit 1, forme or 5
 bit position
 $byte - shifted = byte - received \ll 2$
 $byte - shifted : \ll 2$

1) $d = (byte - shifted / B 00000011)$

8	7	6	5	4	3	2	1
9	8	7	6	5	4	3	2
1	0	0	1	0	0	0	0
7	6	5	4	3	2	1	0
1	0	0	0	0	0	0	1
0	0	0	0	0	1	0	0

0	0	0	0	0	1	0	0
0	0	0	0	0	1	1	1

0	1	0	0	0	0	?	?
0	0	0	0	0	0	?	?

\rightarrow even's forme

2) $l = byte - shifted;$

0	0	0	0	0	0	?	?
0	0	0	0	0	1	0	0
0	0	0	0	0	1	?	?
0	0	0	0	0	1	?	?

source or 1

3) $byte - shifted = byte - received \gg 6;$

$byte - shifted : \gg 6$

1	0	0	0	0	0	0	1
0	0	0	0	0	0	1	0

3TB $d = (byte - shifted / B 11111100)$

?	?	?	?	?	?	?	1	0
---	---	---	---	---	---	---	---	---

1	1	1	1	1	1	1	0
2	2	2	2	2	2	2	10

avant fonction d'ev

4) $l = \frac{1}{2} byte - shifted;$

?	?	?	?	?	?	?	1	0
0	0	0	0	0	0	1	0	

$d = 1 \Rightarrow$ neutre

?	?	?	?	?	?	?	1	0
---	---	---	---	---	---	---	---	---

$0 \Rightarrow$ neutre

avant avant or