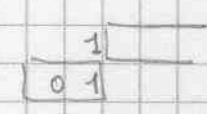


```

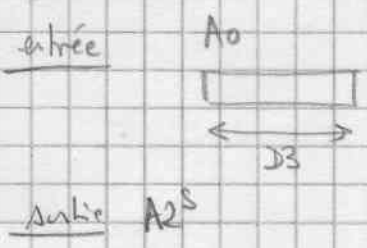
XVALN: TST D3
        BEQ XPOSEZ
        TST (A0)
        SMI D0
        EXT D0
        EXT.L D0
        CMP #4, D3
        BHI GED26
        SUBQ #1, D3
GED24: ASL.L #8, D0
        MOVE.B (A0)+, D0
        DBRA D3, GED24

        BRA LA88

```



①



$A_0$  pair  
 $D_3$  peut être impair  
 pose en libé le nombre signé représenté  
 cette chaîne

```
XVALN: TST (A0)
        SMI D2
        EXT D2
```

$$d2.B = \begin{cases} -1 & \text{signe de } (A_0) \\ 0 & \end{cases}$$

```
XGEE6: MOVEM.L D0/D3/A6, -(SP)
```

```
MOVE.L A6, A1
ADDQ #1, D3
MOVE "D3, (A6)+
ADD D3, A6
BSR VERAG
SUB D3, A6
```

```
SUBQ #2, D3
BTST #0, D3
BEQ GEE66
ADDQ #1, (A1)
MOVE.B CLR.B (A6)+
GEE66: MOVE.B #1, (A6)+
```

```
MOVE.B #1, (A6)+
SUBQ #1, D3
BTST #0, D3
BNE GEE68
ADDQ #1, (A1)
MOVE.B D0, (A6)+
BRA GEE68
```

```
GEE67: MOVE.B (A0)+, (A6)+
```

```
GEE68 DBRA D3, GEE67
MOVEM.L (SP)+, D0, D1
ASL #3, D1
SUB D0, D1
BSR XXP2N
MOVE.L A2, A0
EXG A0, A1
BSR XSUB1
MOVE.L (SP), A0
BSR XLB76
MOVE.L (SP)+, A2
RTS
```

$$2^{8l} (+) \quad 2^{8l+1} (-)$$