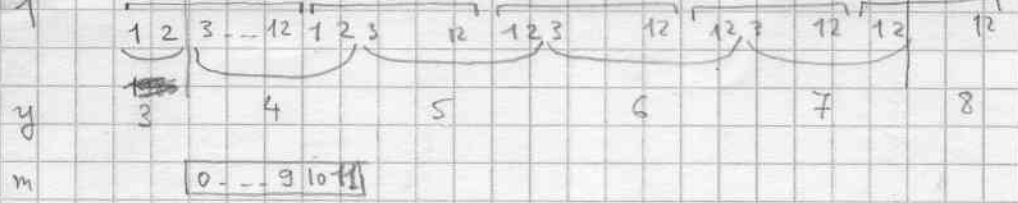


pow
XTIMEJ



$m \in [1, 31]$

$$d = 365y + \text{int}\left(\frac{y}{4}\right) + f(m) + m$$

$$f(m) = \sum_{i=0}^{m-1} \varphi(i)$$

m	0	1	2	3	4	5	6	7	8	9	10
φ	31	30	31	30	31	31	30	31	30	31	31

m	0	1	2	3	4	5	6	7	8	9	10	11
f	0	31	61									

$$f(m) = \left\lfloor \frac{979 * m + 15}{2^5} \right\rfloor$$

$$f = \left\lfloor \frac{a * m + b}{2^k} \right\rfloor$$

$$\frac{a}{2^k} \approx 30.6$$

$$0 \leq b < 2^k$$

$$\left\lfloor \frac{a+b}{2^k} \right\rfloor = 31$$

$$\Delta = a+b \in [2^k * 31, 2^k * 32[$$

variable $f(i)$

for $i = 1, 11$

read u

$$f(i) = f(i-1) + u$$

next i

data 31, ..., 31

print $\text{conc}(i=0, 11 \text{ of } f(i))$

$\leftarrow m=12$

for $k = 0, 23$

for $b = 0, 2^k - 1$

for $a = 2^k * 31 - b, 2^k * 32 - b - 1$

$m1 = 0$

for $i = 0, 11$

vadd $m1, -(f(i) \neq \text{int}((a * i + b) / 2^k))$

ift $m1 \geq m$ goto

next i

$m = m1 - 1$

print k, a, b, m

ift $k = 0$ stop

dto: next a, b, k

365

1 met down [0,7] jour de la semaine

XTIMEJ:BSR XTIMB1 (253)

XTIMEJ:MOVE GTIMEY, D0

SUB #1976, D0

MOVE GTIMEMO, D1

SUBQ #3, D1

BPL GES22

ADD #12, D1

SUBQ #1, D0

GES22:MOVE D0, D2

MULU #365, D0

ASR #2, D2

ADD D2, D0

MULU #979, D1

ADD #15, D1

ASR #5, D1

ADD D1, D0

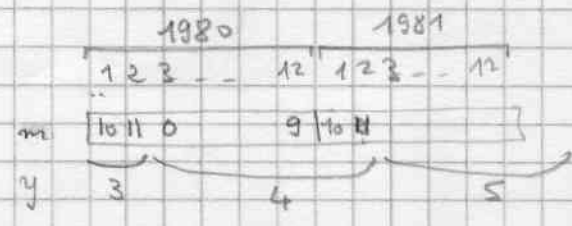
ADD GTIMEN, D0

~~ADD #2, D0~~

DIVU #7, D0

SWAP D0

RTS



MOVE GTIMEMO, D1
MOVE GTIMEN, D2

$d0 = y$
 $d1 = m$

~~444~~
11

$365 \cdot y$

$365 \cdot y + \left\lceil \frac{y}{4} \right\rceil$

$+ \frac{m \cdot 979 + 15}{25}$

+ n
par de correction

1/3/87 → 0
y=11 4018
m=0
n=1