

3

Décale nom & numérique en A5  
recopie le nom en  $(TMNOM)+1 = A1^s$

err EQ vrai  $20 = 10^s$  27  
ok NE vrai  
GT  $DO=1$  existait dans la table  
 $A3^s$  point après le nom  
 $D2^s$  point nom 1  
MI  $DO=+1$  pas dans la table

```
PA40: SUBQ #1, A5
      RTS
```

```
DECAN: MOVE.L TMNOM, A0
      LEA TYPCAR, A2
      MOVE.B (A2)+, (A0)+
      MOVE.L A0, A1
      CLR D0
      NEXTA5
```

```
BTST #6, (A2, D0.W)
BEQ PA40
MOVE #31, D1 ← MOVEQ #0, D2
```

```
PA41: MOVE.B D0, (A0)+
      MOVE.B (A5)+, D0
      TST.B (A2, D0.W)
      BPL PA410
      DBRA D1, PA41
      } BCLR #5, D0
      } ROL.L #7, D2
      } EOR.B D0, D2
```

→ fin

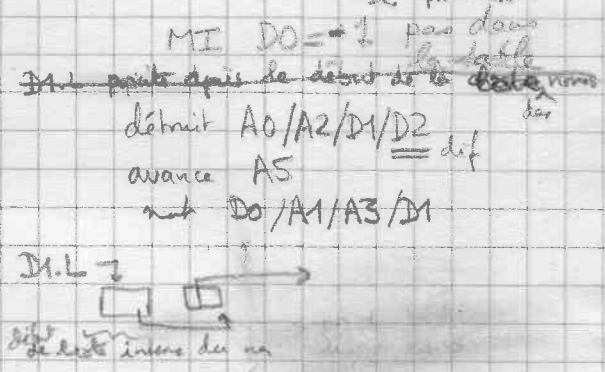
```
ERRVL: MOVE #6, D0
      BRA RER
      } variable trop longue
```

```
PA410: SUBQ #1, A5
      CLR.B (A0)
      AND.L # $2FFFFFFF, D2
      DIVU # 1024, D2 indexp
      SWAP D2
      ADD D2, D2
      ADD D2, D2
      EXT.L D2
      ADD.L # TMIND+4, D2
```

répète PA415 →

```
MOVE.L TMNDES, D1
MOVE.L D2, D0
PA412: MOVE.L D0, A3
      MOVE.L -(A3), D0
      BEQ PA414
      CMP.L D0, D1
      BGT PA412
PA414: MOVE.L A3, -(SP)
      MOVE.L D2, -(SP)
```

limite  
determine le point d'insertion du nouveau nom



3

```

PA42: MOVE.L D2, A3
      MOVE.L ←(A3), D2
      BEQ PA47
      MOVE.L D2, A3
      MOVE.B (A3)+, D1
      BEQ PA43
      MOVE #20, D1

```

absent  
→

→ maj ≠ min  
↓ maj ≡ minuscule

```

PA43: MOVE.L A1, A0

```

```

PA44: MOVE.B (A0)+, D0
      BEQ PA46
      OR D1, D0
      CMP.B (A3)+, D0
      BEQ PA44
      BRA PA42

```

```

PA45: CMP.B #32, D0
      BNE PA42

```

```

PA46: MOVE.B (A3)+, D0
      BNE PA45
      MOVEQ #1, D0
      RTS

```

← MOVE.L (SP)+, D1 )⊗

```

PA47: MOVEQ #-1, D0
      RTS

```

← PA47: MOVE.L (SP)+, D1 )⊗

x