

② de teste si var_{A2} est un nombre long signé EQ oui D3 ← valeur NE non

déduit A0
met D3
conservé le reste

```
XTADR: BSR XTREEL
        BNE KF76
XTADR1: CLR.L D3
        MOVE (A0)+, D3
```

```
BCLR #13, D3
BNE KF76
BCLR #15, D3
BEQ KF77
BNE KF77
```

print
→ night

```
KF73: BCLR #14, D3
      BEQ KF74
      CMP D3, D3
      RTS
```

```
BNE KF74
```

```
KF74: CMP #2, D3
      BNE KF75
      MOVE (A0)+, D3
      CMP D3, D3
      RTS
```

```
KF74: NEG.L D3
```

```
KF75: CMP #4, D3
      BNE KF76
      MOVE.L (A0)+, D3
      BTST.L #31, D3
```

```
BEQ KF74
CMP.L #80000000, D3
```

```
KF76: RTS
```

```
KF77: BSR KF73
      BNE KF76
      NEG.L D3
      CMP D3, D3
      BTST.L #31, D3
      RTS
```

teste si var_{A2} est un index ∈ [8000, 7FFF]

```
XTINDX: BSR XTADR
        BNE KF76
        CMP.L #7FFF, D3
        BGT KF76
        CMP.L #-8000, D3
        BLT KF76
        CMP D3, D3
        RTS
```

```
SWAP D3
TST D3
BEQ KF78
ADDQ #1, D3
KF78: MOVE SR, -(SP)
      SWAP D3
      MOVE (SP)+, SR
      RTS
```