



Exemple : 16!

1) Entrer 10 (héxa) à l'adresse **0f20** :

[Abort] 0F20 [Term] 10 [Mem]

2) Exécuter le programme :

[Abort] 0F2F [GO]

3) Résultat aux adresses **0f29** et **0f2e** :

[Abort] 0F29 **[Term]** ... **[Mem]** ...

0F29 13 [Mem] 0F2A 07 [Mem] 0F2B 77 [Mem]
0F2C 75 [Mem] 0F2D 80 [Mem] 0F2E 00

soit : **130777758000**
(20922789888000 en **décimal**)

```
:100F20000000000000000000000000000000C001  
:100F300F0C8EFC8FAC400C8F1C8F0C8EFC8EEC8DE  
:100F4000ED9018C0DFC8E3C0DCC8E0C0D9C8DDDC080  
:100F5000D6C8DAC0D3C8D7C0D0C8D4C400C8C5C8A2  
:100F6000C4C8C3C8C2C8C1C8C0C0B703FC01C8B2A6  
:100F7000C8B102C0B4F0B8C8B0C0ADF0B1C8A9C023  
:100F8000A6F0AAC8A2C09FF0A3C89BC098F09CC8B6  
:100F900094C091F095C88DB88A9CD7B8849CA43F22  
:00000001FF
```



```
0f2f      .OR      0xf2f

0f20  Nbr      .eq 0xf20
0f21  Mul      .eq 0xf21
0f22  Cpt      .eq 0xf22
0f23  nb10     .eq 0xf23
0f24  nb11     .eq 0xf24
0f25  nb12     .eq 0xf25
0f26  nb13     .eq 0xf26
0f27  nb14     .eq 0xf27
0f28  nb15     .eq 0xf28
0f29  nb20     .eq 0xf29
0f2a  nb21     .eq 0xf2a
0f2b  nb22     .eq 0xf2b
0f2c  nb23     .eq 0xf2c
0f2d  nb24     .eq 0xf2d
0f2e  nb25     .eq 0xf2e
```

```
0f2f      FAC:
0f2f c0 f0    LD Nbr
0f31 c8 ef    ST Mul
0f33 c8 fa    ST nb25
0f35 c4 00    LDI 0
0f37 c8 f1    ST nb20
0f39 c8 f0    ST nb21
0f3b c8 ef    ST nb22
0f3d c8 ee    ST nb23
0f3f c8 ed    ST nb24
0f41 90 18    JMP LBL2
```

```
0f43      LBL1:
0f43 c0 df    LD nb10
0f45 c8 e3    ST nb20
0f47 c0 dc    LD nb11
0f49 c8 e0    ST nb21
0f4b c0 d9    LD nb12
0f4d c8 dd    ST nb22
0f4f c0 d6    LD nb13
0f51 c8 da    ST nb23
0f53 c0 d3    LD nb14
0f55 c8 d7    ST nb24
0f57 c0 d0    LD nb15
0f59 c8 d4    ST nb25
```

```
0f5b      LBL2:
0f5b c4 00    LDI 0
0f5d c8 c5    ST nb10
0f5f c8 c4    ST nb11
0f61 c8 c3    ST nb12
0f63 c8 c2    ST nb13
0f65 c8 c1    ST nb14
0f67 c8 c0    ST nb15
```

```
0f69      LBL3:
0f69 c0 b7    LD Mul
0f6b 03       SCL
0f6c fc 01    CAI 1
0f6e c8 b2    ST Mul
0f70 c8 b1    ST Cpt
```

```
0f72      LBL4:
0f72 02       CCL
0f73 c0 b4    LD nb15
0f75 f0 b8    ADD nb25
0f77 c8 b0    ST nb15
0f79 c0 ad    LD nb14
0f7b f0 b1    ADD nb24
0f7d c8 a9    ST nb14
0f7f c0 a6    LD nb13
0f81 f0 aa    ADD nb23
0f83 c8 a2    ST nb13
0f85 c0 9f    LD nb12
0f87 f0 a3    ADD nb22
0f89 c8 9b    ST nb12
0f8b c0 98    LD nb11
0f8d f0 9c    ADD nb21
0f8f c8 94    ST nb11
0f91 c0 91    LD nb10
0f93 f0 95    ADD nb20
0f95 c8 8d    ST nb10
```

```
0f97 b8 8a    DLD Cpt
0f99 9c d7    JNZ LBL4
```

```
0f9b b8 84    DLD Nbr
0f9d 9c a4    JNZ LBL1
0f9f 3f       XPPC 3
```