Stocker la température

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 1 | 0 | F | 2 | F2 70 | Lire la temp |
| 0 | 1 | 1 | 0 | F | E | 1 | E1 6F | Aff + sel RAM E1 |
| 0 | 0 | 1 | 0 | F | E | 1 | E1 2F | Ecrire RAM E1 |
| 0 | 1 | 1 | 0 | 0 | E | 1 | E1 60 | Lire RAM E1 |

Diviser par 5

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 1 | E1 60 | Lire RAM E1 |
| 0 | 1 | 0 | 0 | A | 0 | 5 | 05 4A | Div par 5 |
| 0 | 1 | 0 | 0 | F | E | 2 | E2 4F | Aff div5 + sel E2 |
| 0 | 0 | 0 | 0 | F | E | 2 | E2 0F | Ecrire RAM E2 |
| 0 | 1 | 1 | 0 | 0 | E | 2 | E2 60 | Lire RAM E2 |

Diviser par 180

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 1 | E1 60 | Lire RAM E1 |
| 0 | 1 | 0 | 0 | A | B | 4 | B4 4A | Div par 5 |
| 0 | 1 | 0 | 0 | F | E | 3 | E3 4F | Aff div5 + sel E3 |
| 0 | 0 | 0 | 0 | F | E | 3 | E3 0F | Ecrire RAM E3 |
| 0 | 1 | 1 | 0 | 0 | E | 3 | E3 60 | Lire RAM E3 |

div5 - div180

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 2 | E2 60 | Lire RAM E2 |
| 0 | 1 | 1 | 0 | 2 | E | 3 | E3 62 | div5 - div180 |
| 0 | 1 | 1 | 0 | F | E | 4 | E4 6F | Sel E4 |
| 0 | 0 | 1 | 0 | F | E | 4 | E4 2F | Ecrire RAM E4 |
| 0 | 1 | 1 | 0 | 0 | E | 4 | E4 60 | Lire RAM 4 |

Initialisations constantes

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 0 | 0 | 0 | 1 | 0 | 10 40 | Afficher 1016 |
| 0 | 1 | 0 | 0 | F | 0 | 1 | 01 4F | Sel RAM 1 |
| 0 | 0 | 0 | 0 | F | 0 | 1 | 01 0F | Ecrire RAM 01 |
| 0 | 1 | 1 | 0 | 0 | 0 | 1 | 01 60 | Lire RAM 01 |
| 0 | 1 | 0 | 0 | 0 | 2 | 0 | 20 40 | Afficher 2016 |
| 0 | 1 | 0 | 0 | F | 0 | 2 | 02 4F | Sel RAM 2 |
| 0 | 0 | 0 | 0 | F | 0 | 2 | 02 0F | Ecrire RAM 02 |
| 0 | 1 | 1 | 0 | 0 | 0 | 2 | 02 60 | Lire RAM 02 |
| 0 | 1 | 0 | 0 | 0 | 1 | 0 | 30 40 | Afficher 3016 |
| 0 | 1 | 0 | 0 | F | 0 | 3 | 03 4F | Sel RAM 3 |
| 0 | 0 | 0 | 0 | F | 0 | 3 | 03 0F | Ecrire RAM 03 |
| 0 | 1 | 1 | 0 | 0 | 0 | 3 | 03 60 | Lire RAM 03 |
| 0 | 1 | 0 | 0 | 0 | 4 | 0 | 40 40 | Afficher 4016 |
| 0 | 1 | 0 | 0 | F | 0 | 4 | 04 4F | Sel RAM 4 |
| 0 | 0 | 0 | 0 | F | 0 | 4 | 04 0F | Ecrire RAM 04 |
| 0 | 1 | 1 | 0 | 0 | 0 | 4 | 04 60 | Lire RAM 04 |
| 0 | 1 | 0 | 0 | 0 | 5 | 0 | 50 40 | Afficher 5016 |
| 0 | 1 | 0 | 0 | F | 0 | 5 | 05 4F | Sel RAM 5 |
| 0 | 0 | 0 | 0 | F | 0 | 5 | 05 0F | Ecrire RAM 05 |
| 0 | 1 | 1 | 0 | 0 | 0 | 5 | 05 60 | Lire RAM 05 |
| 0 | 1 | 0 | 0 | 0 | 0 | 1 | 01 40 | Afficher 1 |
| 0 | 1 | 0 | 0 | F | E | 5 | E5 4F | Sel RAM E5 |
| 0 | 0 | 0 | 0 | F | E | 5 | E5 0F | Ecrire RAM E5 |
| 0 | 1 | 1 | 0 | 0 | E | 5 | E5 60 | Lire RAM E5 |

Calculer gX

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 5 | E5 60 | Lire RAM E5 |
| 0 | 1 | 0 | 0 | 9 | 0 | A | 0A 49 | X 10 |
| 0 | 1 | 1 | 0 | F | E | 6 | E6 6F | Sel E6 |
| 0 | 0 | 0 | 0 | F | E | 6 | E6 0F | Ecrire RAM E6 |
| 0 | 1 | 1 | 0 | 0 | E | 6 | E6 60 | Lire RAM E6 |

Si T > 9

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 4 | E4 60 | Aff E4 |
| 0 | 1 | 0 | 0 | A | 0 | A | 0A 4A | / 10 |
| 0 | 0 | 0 | 0 | F | E | 5 | E5 0F | Ecrire en E5 |
| 0 | 1 | 1 | 0 | 0 | E | 5 | E5 60 | Lire E5 |
| 0 | 1 | 0 | 0 | 2 | 0 | 1 | 01 42 | - 1 |
|  |  |  |  |  |  |  | s1 CF | Saut L de Si 1 |
|  |  |  |  |  |  |  | 02 42 | -2 |
|  |  |  |  |  |  |  | S2 CF | Saut L de Si 2 |
|  |  |  |  |  |  |  | 03 42 | -3 |
|  |  |  |  |  |  |  | S3 CF | Saut L de Si 3 |
|  |  |  |  |  |  |  | 04 42 | -4 |
|  |  |  |  |  |  |  | s4 CF | Saut L de Si 4 |
|  |  |  |  |  |  |  | 05 42 | -5 |
|  |  |  |  |  |  |  | s5 CF | Saut L de Si 5 |
|  |  |  |  |  |  |  |  |  |
| . | . | . | . | . | . | . | . | Calcul de gX |
| 0 | 1 | 1 | 0 | 0 | E | 4 | E4 60 | Aff E4 |
| 0 | 1 | 1 | 0 | 2 | E | 6 | E6 62 | - gX |
| 0 | 1 | 1 | 0 | 1 | E | 8 | E8 61 | + d |
| 0 | 0 | 0 | 0 | F | F | 3 | F3 0F | Ecrire en F3 |
| 0 | 1 | 1 | 0 | 0 | F | 3 | F3 60 | Lire F3 |

Condition T > 9

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 4 | E4 60 | Aff E4 |
| 0 | 1 | 0 | 0 | A | 0 | A | 0A 4A | / 10 |
| 1 | 1 | 0 | 0 | F | X | Y | XY CF | Si =0 aller l XY |
| . | . | . | . | . | . | . | . | Si T > 9 |

L XY

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | E | 4 | E4 60 | Aff E4 |
| 0 | 0 | 0 | 0 | F | F | 3 | F3 0F | Ecrire en F3 |
| 0 | 1 | 1 | 0 | 0 | F | 3 | F3 60 | Lire F3 |

Instruction si x=1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | 0 | 1 | 01 60 | Aff RAM 01 |
| 0 | 0 | 0 | 0 | F | E | 8 | E8 0F | Ecrire en E8 |
| 0 | 1 | 1 | 0 | 0 | E | 8 | E8 60 | Lire E8 |
| . | . | . | . | . | . | . |  | Saut suite prog |

Instruction si x=2

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | 0 | 2 | 02 60 | Aff RAM 02 |
| 0 | 0 | 0 | 0 | F | E | 8 | E8 0F | Ecrire en E8 |
| 0 | 1 | 1 | 0 | 0 | E | 8 | E8 60 | Lire E8 |
| . | . | . | . | . | . | . |  | Saut suite prog |

Instruction si x=3

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | 0 | 3 | 03 60 | Aff RAM 03 |
| 0 | 0 | 0 | 0 | F | E | 8 | E8 0F | Ecrire en E8 |
| 0 | 1 | 1 | 0 | 0 | E | 8 | E8 60 | Lire E8 |
| . | . | . | . | . | . | . |  | Saut suite prog |

Instruction si x=4

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | 0 | 4 | 04 60 | Aff RAM 04 |
| 0 | 0 | 0 | 0 | F | E | 8 | E8 0F | Ecrire en E8 |
| 0 | 1 | 1 | 0 | 0 | E | 8 | E8 60 | Lire E8 |
| . | . | . | . | . | . | . |  | Saut suite prog |

Instruction si x=5

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| d15 | d14 | d13 | d12 | d11-d8 | d7-d4 | d3-d0 | ADRE | COMMENTAIRE |
| 0 | 1 | 1 | 0 | 0 | 0 | 5 | 05 60 | Aff RAM 05 |
| 0 | 0 | 0 | 0 | F | E | 8 | E8 0F | Ecrire en E8 |
| 0 | 1 | 1 | 0 | 0 | E | 8 | E8 60 | Lire E8 |
| . | . | . | . | . | . | . |  | Saut suite prog |