|  |  |  |
| --- | --- | --- |
| Numero base 10 | Complemento a 2-8bits | Complemento a 2-16 |
| 6 | 0000 0110 | 0000 0000 0000 0110 |
| 5 | 0000 0101 | 0000 0000 0000 0101 |
| 4 | 0000 0100 | 0000 0000 0000 0100 |
| 3 | 0000 0011 | 0000 0000 0000 0011 |
| 2 | 0000 0010 | 0000 0000 0000 0010 |
| 1 | 0000 0001 | 0000 0000 0000 0001 |
| 0 | 0000 0000 | 0000 0000 0000 0000 |
| -1 | 1111 1111 | 1111 1111 1111 1111 |
| -2 | 1111 1110 | 1111 1111 1111 1110 |
| -3 | 1111 1101 | 1111 1111 1111 1101 |
| -4 | 1111 1100 | 1111 1111 1111 1100 |
| -5 | 1111 1011 | 1111 1111 1111 1011 |
| -6 | 1111 1010 | 1111 1111 1111 1010 |
| … |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Base 10 | Base 2 | Base 16 | Base 2, complemento a 2, 4-bits |
| 0 | 0000 | 0 | 0000 |
| 1 | 0001 | 1 | 0001 |
| 2 | 0010 | 2 | 0010 |
| 3 | 0011 | 3 | 0011 |
| 4 | 0100 | 4 | 0100 |
| 5 | 0101 | 5 | 0101 |
| 6 | 0110 | 6 | 0110 |
| 7 | 0111 | 7 | 0111 |
| 8 | 1000 | 8 | LIKE OVERFLOW EXCEPTION |
| 9 | 1001 | 9 | LIKE OVERFLOW EXCEPTION |
| 10 | 1010 | A | LIKE OVERFLOW EXCEPTION |
| 11 | 1011 | B | LIKE OVERFLOW EXCEPTION |
| 12 | 1100 | C | LIKE OVERFLOW EXCEPTION |
| 13 | 1101 | D | LIKE OVERFLOW EXCEPTION |
| 14 | 1110 | E | LIKE OVERFLOW EXCEPTION |
| 15 | 1111 | F | LIKE OVERFLOW EXCEPTION |