#### 进制比对表

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 第几位是1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 二进制 | 1 | 10 | 100 | 1000 | 1 0000 | 10 0000 | 100 0000 | 1000 0000 | 1 0000 0000 | 10 0000 0000 | 100 0000 0000 |
| 十进制 | 1 | 2 | 4 | 8 | 16 | 32 | 64 | 128 | 256 | 512 | 1024 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 十进制 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 十六进制 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |

练习：二进制头0b 八进制头o 十六进制头 0x 十进制没有头

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 二进制 | 0b110110 | 0b01110011 | 0b11011011 | 0b01110001 | 0b1110111 | 0b10000010010 | 0b1101101010 | 0b0010011010 | 0b11010111001 | 0b0100011110011 |
| 十六进制 |  |  |  |  |  |  |  |  |  |  |
| 八进制 |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 十六进制 | 0x153ff | 0xef25 | 0xa23c | 0x8d5f | 0x254dd | 0x9a2c | 0xff22 | 0xfff | 0xe3e3 |
| 八进制 |  |  |  |  |  |  |  |  |  |
| 十进制 |  |  |  |  |  |  |  |  |  |