Bitweises Und

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | & |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |  |
|  | | | | | | | |  |
| 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |  |

Bitweises Inklusives Oder

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | | |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |  |
|  |  |
| 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |  |

Bitweises Exklusives Oder

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | ^ |
| 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |  |
|  | | | | | | | |  |
| 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |  |

Komplement

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | ~ |
|  | | | | | | | |  |
| 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |  |

Wetter-Bits

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | N | Wi | Sch | R | Wo | S |  |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|  | | | | | | | |  |
| 128 | 64 | 32 | 16 | 8 | 4 | 2 | 1 |  |

S .. Sonne  
Wo … Wolken

Wetterbits, Beispiel Regen und Sonne

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | N | Wi | Sch | R | Wo | S |  |
|  |  |  |  | 1 | 1 |  | 1 |  |
|  | | | | | | | |  |
|  |  |  |  | 8 | 4 |  | 1 |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | & |
| 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |  |
|  | | | | | | | |  |
| 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |  |