

Practice Problems on Python Expression Evaluation Using Operators

Operator Precedence Reminder (High → Low)

1. `()` or `[]`
2. `**`
3. `~`
4. `*`, `/`, `//`, `%`
5. `+`, `-`
6. `<<`, `>>`
7. `&`
8. `^`
9. `|`
10. `<`, `<=`, `>`, `>=`, `==`, `!=`,
11. `not`
12. `and`
13. `or`

Practice the following questions

1. `A = 8 + 6 - 4 % 3 - 7 // 2`
2. `B = 10 - 3 * 2 + 8 % 3`
3. `C = 15 // 4 + 2 ** 2 - 3 + True`
4. `D = 20 % 6 + 4 * 2 - 5 - False`
5. `E = 9 + 8 // 3 - 2 * False ** 1`
6. `F = 5 + 3 * 2 ** 1 > 10 and 8 >> 1 == 4`
7. `G = not 4 + 2 * 3 <= 10 and 7 | 2 == 7`
8. `H = 10 - 3 * 2 + 8 // 4 < 7 or 5 ^ 1 == 4`
9. `I = not 5 + 3 * 2 ** 1 < 12 or 16 >> 2 + 1 == 2 and 6 & 2 == 2`
10. `J = 4 + 3 * 2 ** 2 - 8 // 4 > 10 and not 12 >> 2 == 3 or 5 & 3 == 1`