

- $3 \gg 7$
- 0
- $15 \gg 2$
- 3
- $22 \gg 3$
- 2

5. Assignment operator :- (=)

- It is an operator which is used to assign a value to a variable.
- By using assignment operator we can increase the efficiency of program
- Ex
- $A = 10$
- $B = [1, 2, 3]$ # normal assignment
- $A = A + 2$ # compound assignment
- We can use Compound assignment for all arithmetic operation and logical operation
- $a = a + b$ or $\rightarrow a += b$
- $a = a - b$ $\rightarrow a -= b$
- $a = a * b$ $\rightarrow a *= b$
- $a = a / b$ $\rightarrow a /= b$
- $a = a // b$ $\rightarrow a //= b$
- $a = a \% b$ $\rightarrow a \% = b$
- $a = a \& b$ $\rightarrow a \& = b$
- $a = a | b$ $\rightarrow a | = b$
- $a = a \wedge b$ $\rightarrow a \wedge = b$
- $a = a \ll b$ $\rightarrow a \ll = b$
- $a = a \gg b$ $\rightarrow a \gg = b$
- $a = [1, 2, 3]$