

## PYTHON

### Assignment

#### Integer Assignments

1. Add the integers 5 and 10. What is the result?
2. Subtract 7 from 15. What is the result?
3. Multiply 3 by 4. What is the result?
4. Divide 20 by 4. What is the result?

#### Float Assignments

5. Add the floats 5.5 and 10.2. What is the result?
6. Subtract 7.1 from 15.3. What is the result?
7. Multiply 3.6 by 4.5. What is the result?
8. Divide 20.8 by 4.2. What is the result?

#### Complex Number Assignments

9. Add the complex numbers  $3 + 4j$  and  $1 + 2j$ . What is the result?
10. Subtract the complex number  $2 + 3j$  from  $5 + 6j$ . What is the result?

#### Boolean Assignments

11. Compare if 5 is greater than 10. What is the result?
12. Perform a logical AND operation on True and False. What is the result?

#### None Assignments

13. Check if a variable set to None is equal to None. What is the result?

#### Bytes and Bytearray Assignments

14. Create a bytes object from the list [1, 2, 3, 4, 5]. What does the bytes object look like?
15. Create a bytearray from the list [1, 2, 3, 4, 5] and modify the first element to 10. What does the bytearray look like?

Give an example for these bytearray methods:

**append(), extend(), insert(), remove(),**

**pop(), clear(), reverse(), copy(), count(),**

**index(), find(), join(), split(), replace(), decode()**