

Python Operators Interview Questions:

1. What are the main types of operators in Python?
2. Explain the difference between the `==` and `is` operators in Python.
3. What is the difference between the `/` and `//` operators in Python?
4. How are the logical operators `and`, `or`, and `not` used in Python? Provide examples.
5. How do you overload operators in Python?
6. Explain the purpose of the `in` and `not in` operators in Python.
7. What is the purpose of the identity operators `is` and `is not`?
8. What are assignment expressions (walrus operator `:=`)? When and how are they used?
9. How can you use the `*` and `**` operators for packing and unpacking in Python?
10. What is operator precedence in Python? How is it determined?
11. How can you compare two lists in Python?
12. What are the membership operators in Python? Provide examples of their usage.
13. What are the identity operators in Python? Provide examples of their usage.