

## Interview questions

### Data types -

1. Name four of the main data types in Python
2. Why are these data types known as Python's core data types?
3. What does immutable mean and what three types of Python core data types are considered immutable?
4. What does sequence mean and which three types of data fall into this category?

### Operators -

1. What is the use of- operator?
2. Write syntax for "greater than or equal to" operator.
3. What value have been check by " < = " operator?
4. How many types of operations are supported by the Python language ?

### Conditional statements -

1. What are the three main conditional statements in Python?
2. What does elif mean?
3. How are if, elif, and else blocks defined?
4. Illustrate a switch-case equivalent using if-elif-else.

### Looping statements -

1. What is the difference between a for loop and a while loop?
2. What is the Python syntax for a for loop?
3. What are the advantages of using a for loop in Python?
4. What are the disadvantages of using a for loop in Python?

### Functions -

1. What are the two types of functions in Python?
2. When should you use anonymous functions and when should you use regular ones?
3. Do Python functions have return values? If yes, then how many can they have?
4. Why does Python support both positional and keyword arguments to its functions?