PYTHON ASSIGNMENT

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IMMUTABLE DATA TYPES

In object-oriented (OO) and functional programming, an immutable object (unchangeable object) is an object whose state cannot be modified after it is created. Strings and other concrete objects are typically expressed as immutable objects to improve readability and runtime efficiency in OO programming. Immutable objects are also useful because they are inherently thread-safe. Other benefits are that they are simpler to understand and reason about and offer higher security than mutable objects Examples include conversion factors from meters to feet, or the value of pi to several decimal places.

MUTABLE DATA TYPES

Mutable object (changeable object),are objects which can be modified after it is created. Examples include; List, Dictionary, Set, Bytearray