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Athensoft Open-Minded Learning

STEM 1401 Python Core I
Quiz 242

NAME: DATE: SCORE:

MODULE: 2. FUNDAMENTAL
CHAPTER: 2-4 Python Constants

1. In Python programming, there is no built-in constant type or keyword to define constants explicitly.
A) True   B) False

2. In Python, you typically use uppercase names to denote constants, but this is purely by convention and not enforced by the language itself.
A) True   B) False

3. Which statement about constants in Python is TRUE?
A) A constant cannot be changed with the value regarding to Python syntax
B) A constant should be in upper case generally by the coding convention
C) The name of a constant may start with underscore _
D) The name of a constant may start with a digit

4. Which of the following is the correct way to indicate a constant in Python?
A) Using the const keyword.
B) Using the final keyword.
C) Writing the variable name in all uppercase letters.
D) Writing the variable name in all lowercase letters.

5. Choose the best constant name in Python programming from the following.
A) HOSTIP   B) HOST_IP   C) host_ip   D) hostIP

6. Given the following code, what is the intended purpose of the variable PI?
```
PI = 3.14159
radius = 5
area = PI * (radius ** 2)
```
A) PI is a variable that should be modified frequently.
B) PI is intended to be a constant value representing the mathematical constant π.
C) PI is a function that calculates the area of a circle.
D) PI is a keyword in Python.