PYTHON MODULES: MATH,RANDOM, DATETIME, JSONANDRE

Part 1: Objective Quiz

1. What is the purpose of Python modules?
   - A) To store data
   - B) To perform mathematical calculations
   - C) To organize code into reusable units
   - D) To create graphical user interfaces

2. Which module is used for mathematical operations in Python? - A) Math
   - B) Random
   - C) Date and Time
   - D) JSON

3. Which module is used to generate pseudo-random numbers in Python? - A) Math
   - B) Random
   - C) Date and Time
   - D) JSON

4. Which module is used to work with dates and times in Python? - A) Math
   - B) Random
   - C) Date and Time
   - D) JSON

5. Which module is used for working with JSON data in Python?
   - A) Math
   - B) Random
   - C) Date and Time
   - D) JSON

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6. What does the acronym "JSON" stand for?
 A) JavaScript Object Notation
 B) Java Serialized Object Notation
 C) JavaScript Object Naming
 D) Java Serialized Object Naming

7. Which module is used for handling regular expressions in Python?
 A) Math
 B) Random   the module is called `re`, its not here lol
 C) Date and Time
 D) JSON

8. What does the `import` statement do in Python?
 A) Exports a module
 B) Imports a module into the current namespace
 C) Deletes a module
 D) Renames a module

 Part 2: Code Quiz

 1. Import the math module and use it to calculate the square root of 16.

 2. Import the random module and use it to generate a random integer between 1 and 10 (inclusive).

 3. Import the datetime module and use it to print the current date and time. import datetime

4. Import the JSON module and use it to parse the following JSON string into a Python dictionary: # '{"name": "John", "age": 30, "city": "New York"}')

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5. Use regular expressions to find all email addresses in the given text.

This code quiz tests your ability to import modules correctly and use them to perform various tasks such as mathematical calculations, working with dates and times, handling JSON data, and using regular expressions.

Want to Become a Python Expert?

If you're serious about learning Python and getting ready for Data Analysis or Web Development roles using Python, I highly encourage you to enroll in my Complete Python Course. Don't waste your time following disconnected, outdated tutorials.

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    Unlimited access - watch it as many times as you want
    Self-paced learning - take your time if you prefer
    Watch it online or download and watch it offline
    One-on-one training with me 2-4 times a week

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Sincerely,

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