FILE HANDLING: CREATE, READ, APPEND, AND DELETE FILES
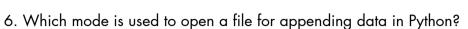
Part 1: Objective Quiz

1. What does file handling refer to in Python?
   A) Managing file storage locations
   B) Interacting with files on the filesystem
   C) Encrypting files for security
   D) Deleting files permanently

2. Which of the following is not a common mode for opening files in Python?
   A) "r" (Read mode)
   B) "w" (Write mode)
   C) "x" (Exclusive creation mode)
   D) "p" (Permission mode)

3. Which mode is used to open a file for reading and writing in Python?
   A) "r" (Read mode)
   B) "w" (Write mode)
   C) "a" (Append mode)
   D) "r+" (Read/write mode)

4. What method is used to read the contents of a file in Python?
   A) `readline()`
   B) `readlines()`
   C) `write()`
   D) `read()`

5. Which method is used to write data to a file in Python?
   A) `readline()`
   B) `readlines()`
   C) `write()`
   D) `read()`

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6. Which mode is used to open a file for appending data in Python?
  A) "r" (Read mode)
  B) "w" (Write mode)
  C) "a" (Append mode)
  D) "x" (Exclusive creation mode)

7. How do you delete a file in Python?
  A) Using the `remove()` function from the `os` module
  B) Using the `delete()` function from the `file` module
  C) Using the `delete()` method of the file object
  D) Using the `remove()` method of the file object

8. What is the purpose of the `os.remove()` function in Python?
  A) To remove a directory
  B) To rename a file
  C) To delete a file
  D) To create a file

Part 2: Code Quiz

9. Create a new file and write some content to it

10. Read the content of the file

11. Append more content to the file

12. Read the content of the file again to see the changes

13. Delete the file

This code quiz tests your understanding of file handling concepts in Python, including file reading, writing, appending, and deletion.

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Sincerely,

JShafara

Juma Shafara
Data Scientist, Instructor