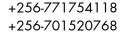
# FILE HANDLING: CREATE, READ, APPEND, AND DELETE FILES

### 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,

Juma Shafara

Data Scientist, Instructor

