

Quiz 9 – Input and Output

1. Which method below writes a string to a text file?

(This was discussed in lecture “Write to a Text File”)

- a. `File.new('greetings.txt', 'Hello, World!')`
- b. `File.open('greetings.txt', 'w') do |file|
 File.write('Hello World')
end`
- c. `File.read('greetings.txt', 'Hello, World!')`
- d. `File.append('greetings.txt', 'Hello, World!')`

Correct Answer: Option b - `File.open('greetings.txt', 'w') do |file|
File.write('Hello World')
end`

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Good job!

Option c – Incorrect answer. Please try again.

Option d - Incorrect answer. Please try again.

2. Which method below deletes the 'temporary.txt' text file?

(This is discussed in lecture “Rename and Delete a File”)

- a. `File.remove('temporary.txt')`
- b. `File.delete('temporary.txt')`
- c. `File.destroy('temporary.txt')`
- d. `File.erase('temporary.txt')`

Correct Answer: Option b - `File.delete('temporary.txt')`

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Good job!

Option c – Incorrect answer. Please try again.

Option d – Incorrect answer. Please try again.

3. What method below renames the text file from 'oldname.txt' to 'newname.txt'?

(This was discussed in lecture “Rename and Delete a File”)

- a. `File.rename('oldname.txt', 'newname.txt')`
- b. `File.change('oldname.txt', 'newname.txt')`
- c. `File.switch('oldname.txt', 'newname.txt')`
- d. `File.modify('oldname.txt', 'newname.txt')`

Correct Answer: Option a - `File.rename('oldname.txt', 'newname.txt')`

Explanation:

Option a – Good job!

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Incorrect answer. Please try again.

4. Which method below executes a Ruby file each time it's called?
(This was discussed in lecture "Load a Ruby File with load Method")

- a. `File.execute`
- b. `require`
- c. `load`
- d. `include`

Correct Answer: Option c - `load`

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.

5. What is the difference between `require` and `load`?
(This was discussed in lecture "The `require` and `require_relative` Methods")

- a. `require` executes the file, while `load` only reads it.
- b. `load` is faster than `require`.
- c. `require` can only import `.rb` files, while `load` can import any type of file.
- d. `require` checks if the file is already loaded before executing, while `load` will always execute.

Correct Answer: Option d - `require` checks if the file is already loaded before executing, while `load` will always execute.

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Good job!

6. Which syntax below loads a Ruby file located in the same directory as the current file?
(This was discussed in lecture "The `require` and `require_relative` Methods")

- a. `require 'filename'`
- b. `load_relative './filename.rb'`
- c. `import 'filename'`
- d. `require_relative 'filename'`

Correct Answer: Option d - `require_relative 'filename'`

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Good job!