Test case #1
Summary: Verify logging execution and log content
Steps:
1. Log non-empty message with valid file path and valid log level (i.e INFO or WARNING)

2. Open the specified file.

Expected Result:

- The file contains logs in format: {current timestamp} [{level}] {message}.
- The recorded timestamp should
    - accurately represent the time when the logging was performed
    - be in "[yyyy-MM-dd HH:mm:ss]" format

Test case #2
Summary: Verify multiple logging execution and log content
Steps:

1. Log non-empty two messages with valid file path and different log levels (i.e INFO, WARNING)
2. Open specified file

Expected Result:

- The file contains two logged messages in the correct order and in format: {current timestamp} [{level}] {message}.
- The recorded timestamps should
    - accurately represent the time when the logging was performed
    - be in "[yyyy-MM-dd HH:mm:ss]" format

Test case #3
Summary: Verify logging messages to non-existent file.
Steps:

1. Log non-empty message with valid log level to non-existent file

Expected Result:
An appropriate error message appears and indicate that the file is not found.

Test case #4
Summary: Verify logging messages with invalid log level.
Steps:

1. Log non-empty message with valid file path and invalid log level

Expected Result:
An appropriate error message appears and indicate that the log level is invalid.