Third party implementation 1 - @melvinlimbh

This member has implemented the mismatch logic inside his main function. There are 3 methods that can be called with arguments externally : setFile(), checkExt(), checkEmpty(). I wrote unit tests for checkExt() and checkEmpty() and carried out fuzzing to find bugs in setFIle().

1. Testing: unit tests for functions checkExt() and checkEmpty()

Bugs: No bugs found; all tests passed successfully.

1. Testing: parametrized fuzzing for setFile(). I reused my fuzzing code to generate fuzzing inputs and passed these as arguments to setFile()

Bugs:

1. setFile() does not check for length of inputs. As a result, the fuzzing inputs of varying lengths were accepted by the function without raising any error.

Example screenshot:

