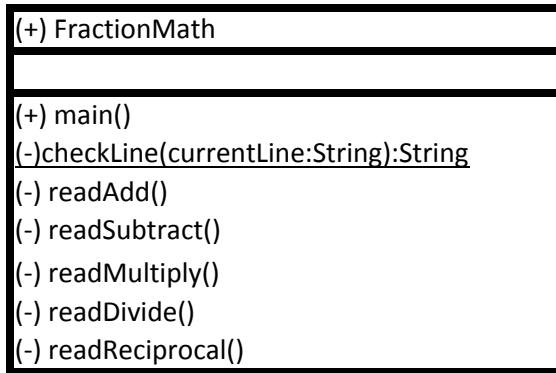


FractionMath Version 1 UML
 Author: Caspian Peavyhouse
 CS101-02



Legend

(+) public
 (-) private
 () package
 (#) protected

Data Table for main

output contains the String value to be written to the file

Algorithms:

main()

File inputFile <-- new File(args[0])

Scanner input <-- new Scanner(inputFile)

File outputFile <-- new File(args[1])

FileWriter writerOutput <-- new FileWriter(outputFile)

String currentLine <-- new String(input.nextLine())

writerOutput.write("Fraction Math Version 1")

writerOutput.write("Written by Caspian Peavyhouse")

writerOutput.write("CS101-02")

while (input.hasNextLine())

String output <-- new String(checkLine(currentLine))

if (output.equals(""))

break;

writerOutput.write(output)

writerOutput.write("\n")

currentLine <-- input.nextLine()

writerOutput.close()

checkLine(String currentLine)

String endSequence <-- new String("quit")

String emptyString <-- new String("")

if (currentLine.toLowerCase().contains(endSequence))

return emptyString

```
else  
    return currentLine
```

```
readAdd  
    //Stub  
readSubtract  
    //Stub  
readMultiply  
    //Stub  
readDivide  
    //Stub  
readReciprocal  
    //Stub
```