Problem 1:

- Test bounds by ensuring a non 0 exit code and “TOO BIG” is printed when running
  - Tests:
  - ./calc 513 2
  - ./calc 2 513
  - ./calc 513 513
  - ./calc -513 2
  - ./calc 2 -513
  - ./calc -513 -513
- Test valid inputs making sure an 0 exit code is returned and the correct output is printed
  - Tests:
  - ./calc 512 2
    - 514
  - ./calc 2 512
    - 514
  - ./calc 512 512
    - 1025
  - ./calc 512 -512
    - 0
  - ./calc 0 0
    - 0
  - ./calc +10 +10
    - 20
- Test non integer inputs ensuring a non 0 exit code and “BAD INPUT” is printed
  - Tests:
  - ./calc A 1
  - ./calc 1 A
  - ./calc BB BB
  - ./calc 5.5 3
  - ./calc 3 5.5
  - ./calc 5.5 5.5
- Test when fewer than 2 arguments are provided ensuring a non 0 exit code and “NOT ENOUGH INPUT” is printed:
  - Tests:
  - ./calc 1
  - ./calc 0

Problem 2:

- Since I am not the programmer and the spec didnt specify weather more than 2 inputs are supported I would not write tests to check what the program does when presented with more than 2 arguments since so many implementations were made my so many different programmers some might have written their calculators with more than 2 in mind whereas others didnt, and therefore I can’t assume either implentation is right or wrong