Phase IV

- Welcome to the fourth phase of the project!
- Your task is to assess the security of the application of Phase 3 in a <u>White-box + Black-box</u> fashion and present your results on <u>Wednesday the 2nd of July.</u>
- That is, try to find vulnerabilities as in Phase 2 by both exploring the code (when available) and interacting with the application.
- You can use any tool you like, some recommended tools are:
    - RATS
    - RIPS
    - Rosecheckers (CERT)
    - IDApro

- If you feel adventurous try:
    - KLEE
    - OpenJML - ESC/Java2
    - Jif

Phase IV

Report concisely your findings focusing <u>on the vulnerabilities found</u> (not on the tools used). At the end (of the presentation and the document) provide a summary of the tools used.

Phase IV

- You have to test the application of <u>your own group</u> plus:

  - Group 1 tests Group 3
  - Group 2 tests Group 5
  - Group 3 tests Group 7
  - Group 4 tests Group 1
  - Group 5 tests Group 4
  - Group 6 tests Group 2
  - Group 7 tests Group 8
  - Group 8 tests Group 6

Give the other group a copy of your VM and explain to them briefly how to use the application and provide credentials for privileged system users. <u>This time do not provide the source code of the C/C++ application</u>.