SSVV 2019-2020
Take Home Exam Subject
300 XP – Test smells

- 3 test smells to be identified and eliminated
- Read FIRST from Seminar 4 from document Langr_BestPracticesInTestCode_FIRST.pdf
- Test smells to identify =100 XP
  - Mystery Guest test smell
    - a test makes use of external resources, such as a file containing test data.
  - Eager Test smell
    - a test attempts to test several behaviors of the tested object.
  - Duplicate Assert test smell
    - a test method tests for the same condition multiple times within the same test method
  - Test Code Duplication test smell
    - code clones in unit tests
  - Refactor the source code such that the test smells are eliminated = 100 XP
- Work in teams (up to 5 students)

Use the Java source code provided in the project:
    FractionTestSmells.zip

1. Task A - Verify if the test smells exist in the source code
   a. Mystery Guest test smell = 25 XP
   b. Eager Test smell = 25 XP
   c. Duplicate Assert test smell
   d. Test Code Duplication test smell

2. Task B-Refactor the source code such that the test smells are eliminated

- Documentation of the "Process" = 50 XP
  - Minutes required for each task
    - Task A_a =
    - Task A_b=
    - Task A_c=
    - Task A_d=
    - Task B   =
  - Describe how did you solve the assignment as a team.

- Survey – on line = 50 XP
  - The link will be provided one day before the exam.

Turn in:
- **Before the day of the final exam, no later than 2 June, 10:00 am.**
- **On canvas, under Exam_TakeHome_C submit as un archive**
  - **Source code of your implementation.**
  - **Documentation of the Process**
- **Online survey, no later than 2 June, 20:00 pm.**