SSVV 2018-2019
Take Home Exam Subject
200 XP – Study - Impact of Software Testing knowledge on performance in programming
- 3 requirements to be implemented (no test cases, test cases by students, test cases by teacher provided) = 150 XP

Use the Java source code provided in the project:

    2019-SSVV-TakeHomeExam-TestingImpactStudyA.zip

1. Task A_1 = 25 XP
   a. Implement method
      i. `public int howGivenManyEmotionTypeInListEmotions(EmotionType et)`
2. Task A_2 = 75 XP
   a. Implement method
      i. `public List<Emotion> predominantEmotion(){`
   b. Implement your test cases to help you test correctness of your implementation.
3. Task A_3=50 XP
   a. Implement method
      i. `public void eliminateAllProvidedEmotion(EmotionType et)`
   b. Use the already created test cases to help you test correctness of your implementation.

- Documentation of the "Process" = 25 XP

  o Minutes required for each task

    - Task A_1 =

    - Task A_2=

    - Task A_3=

  o Task A_1 - Describe how did you solve the assignment? Did you use "manual" testing during implementation? If yes, with what date have you test it? How many executions before you declared "satisfied" with the implementation?

  o Task A_2 - Describe how you design your test cases, what techniques have you used, what strategies.

  o Task A_3 - Describe how did you use the provided test cases to "check" for your algorithm correctness? How many modifications had you to make before all test cases to be "pass"?

- Survey – on line = 25 XP
  o The link will be provided one day before the exam.

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