System analysis and decision support methods in computer science
(Exercise classes)

Credit rules

1. Attendance is obligatory for a completion of the course. Only one absence is allowed. Exceeding this limit will result in failing the course, unless it is properly justified (i.e. by health issues).
2. Each student works individually on 1 assignment (list of several mathematical exercises) before each exercise class.
3. Before each class, the student sends to the instructor the declaration, which specifies number of mathematical exercises solved by the student. The on-line form with declaration is available at the course website.
4. If the exercise is declared by the student, the student is able to present the solution publicly to the rest of the group.
5. Each student receives +1 point for each declared exercise at the beginning of the class.
6. During the class, the instructor asks selected students to present their solutions to the rest of the group (only declared exercises may be presented). If the student:
   a. presents correct solution of the exercise, he/she preserves the point obtained at the beginning of the class (+1→+1)
   b. presents wrong (but logical) solution of the exercise, he/she receives -2 points for this task (instead of initial +1 point) (+1→-2)
   c. is unable to present the exercise (although it was declared) and it is clear that the student have no knowledge required to solve the exercise, he/she receives number of points equal to number of declared exercises multiplied by -2 (+1→-2*number_of_declared_exercises)
7. The final grade is calculated based on number of points collected over the semester:

Number of points	Final grade
0-50%	2.0
51-60%	3.0
61-70%	3.5
71-80%	4.0
81-90%	4.5
91-100%	5.0

8. At the end of each class, the instructor can make a short test. The scope of the test is limited to the exercises presented during the class. The result of the test affects number of points as follows:

		Test result		
		Correct	Incorrect (but logical)	No solution at all (or clear lack of knowledge)
Exercise solved during the test	Declared exercise	+1 → +1	+1 → -2	-2*number_of_declared_exercises
	Not declared exercise	0 → +1	0 → -1	0 → -1

"+1 → +1" = one point received at the beginning of the class is preserved after the test

"0 → +1" = zero points before test, but +1 point after the test