Computing Attitudes Survey (v4)

Here are a number of statements that may or may not describe your beliefs about learning computer science. You are asked to rate each statement according to the following rating scale:

Strongly Disagree
Disagree
Neutral
Agree
Strongly Agree

Choose one of the above five choices that best expresses your feeling about the statement. If you don't understand a statement, leave it blank. If you understand, but have no strong opinion, choose "Neutral".

Please choose the appropriate response for each item:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1. After I study a topic in computer science and feel that I understand it, I have difficulty solving problems on the same topic.	○	○	○	○	○
2. Errors generated by computers are random, and when they happen there's not much I can do to understand why.	○	○	○	○	○
3. If I want to apply a method used for solving one computer science problem to another problem, the problems must involve very similar situations.	○	○	○	○	○
4. I can usually figure out a way to solve computer science problems.	○	○	○	○	○
5. When I solve a computer science problem, I break it into smaller parts and solve them one at a time.	○	○	○	○	○
6. I do not spend more than five minutes stuck on a computer science problem before giving up or seeking help from someone else.	○	○	○	○	○
7. There are times I solve a computer science problem more than one way to help my understanding.	○	○	○	○	○

8. I think about the computer science I experience in everyday life.	○	○	○	○	○
9. Tools and techniques from computer science can be useful in the study of other disciplines (e.g., biology, art, business).	○	○	○	○	○
10. When working on a computer science problem I find it useful to brainstorm about solution strategies before writing code.	○	○	○	○	○
11. I find the challenge of solving computer science problems motivating.	○	○	○	○	○
12. When studying computer science, I relate the important information to what I already know rather than just memorizing it the way it is presented.	○	○	○	○	○
13. I enjoy solving computer science problems.	○	○	○	○	○
14. Reasoning skills used to understand computer science can be helpful to me in my everyday life.	○	○	○	○	○
15. Learning computer science is just about learning how to program in different languages.	○	○	○	○	○
16. When I am working on a computer science program, I try to decide what reasonable output values would be.	○	○	○	○	○
17. When I'm trying to learn something new in computer science, I find it useful to write a small program to see how it works.	○	○	○	○	○

18. A significant problem in learning computer science is being able to memorize all the information I need to know.	○	○	○	○	○
19. We use this statement to discard the surveys of people who are not reading the questions. Please select "Agree" for this question to preserve your answers.	○	○	○	○	○
20. Understanding computer science basically means being able to recall something you've read or been shown.	○	○	○	○	○
21. If I get stuck on a computer science problem, there is no chance I'll figure it out on my own.	○	○	○	○	○
22. The subject of computer science has little relation to what I experience in the real world.	○	○	○	○	○
23. There is usually only one correct approach to solving a computer science problem.	○	○	○	○	○
24. To learn computer science, I only need to memorize solutions to sample problems.	○	○	○	○	○
25. I worry that mistakes I make when writing a program may damage my computer.	○	○	○	○	○
26. I am interested in learning more about computer science.	○	○	○	○	○