Annex 4: Rubric with specifications on technical complexity of the code

Criteria descriptors	Advanced (5)	Very Good (4)	Proficient (3)	Approaching Proficiency (2)	Beginning (1)
Technical Specifications	The program works and meets all of the technical specifications	The program works and produces the correct results and displays them correctly. It also meets most of the other specifications	The program produces correct results but displays some correctly	The program produces correct results but does not display them correctly	The program is producing incorrect results
Readability	The code is extremely well organized and easy to follow	The code is fairly easy to read	The code is readable only by a person who already knows its purpose	The code is poorly organized and very difficult to read	Unable to organize the code
Reusability	The code could be reused as a whole or each routine could be reused	Most of the code could be reused in other programs	Some parts of the code could be reused in other programs	Only some parts of the code can be reused, but some parts cannot be used in other programs.	The code is not organized for reusability
Logic Ability to specify conditions, control flow, and data structures that are appropriate for the problem domain	Program logic is correct, with no known boundary errors, and no redundant or contradictory conditions	Program logic is mostly correct, but may contain an occasional boundary error or redundant or contradictory condition	Program logic is on the right track and shows recognition of boundary conditions (such as < vs. <=)	Program logic is on the right track with no infinite loops, but shows no recognition of boundary conditions (such as < vs. <=)	Program contains some conditions that specify the opposite of what is required (less than vs. greater than), confuse Boolean AND/OR operators, or lead to infinite loops