

6) Apply computer science theory and software development fundamentals to produce computing-based solutions.

Criteria	Level of Learning			
	Initial	Emerging	Developed	Excellence
Select the appropriate solution based on computer science theory for a given problem.	Is not able to propose an appropriate solution based on computer science theory for a given problem.	Is able to propose an appropriate solution based on computer science theory, which partially solves the problem.	Is able to propose an appropriate solution based on computer science theory, which effectively solves the problem.	Is able to propose an appropriate solution based on computer science theory, which effectively and efficiently solves the problem.
Implement the selected solution using software development fundamentals.	The implemented solution does not comply with any of studied software development fundamentals.	More than one software development fundamental is applied incorrectly in the implementation of the selected solution.	One of the software development fundamentals is applied incorrectly in the implementation of the selected solution.	The software development fundamentals are applied correctly in the implementation of the selected solution.