

1) Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

Criteria	Level of Learning			
	Initial	Emerging	Developed	Excellence
Ability to analyze a problem to identify requirements: Analyze the specifications of a given problem and identifies the key elements of the requirements for a computational solution.	Does not identify neither actors, nor components that are part of the requirements of a computational solution according to the context of the given problem.	Identifies correctly some actors or key components that are part of the requirements of a computational solution.	Identifies correctly almost all of the actors and key components that are part of the requirements of a computational solution according to the context of the given problem.	Identifies correctly all the actors and key components that are part of the requirements of a computational solution according to the context of the given problem.
Ability to identify requirements: Describe formally the requirements of a computational solution according to the context of the problem.	Does not defined requirements of a computational solution according to the context of the given problem.	Defines correctly few requirements of a computational solution according to the context of the given problem.	Defines correctly most of the necessary requirements to developed a computational solution according to the context of the given problem.	Defines correctly all the necessary requirements to developed a computational solution according to the context of the given problem.