CSED 1310, PEEE
Study Guide
Competency Demo #1

Key Concepts:
- Algorithm
- Program
- Loop (Iteration)
- Conditional (Selection statements)
- Function
- Parameter
- Variable
- Debugging

Questions
1. What is the definition of [Enter any key concept here]?

2. Identify which key concepts are present in this real world story. There might be more than one so look closely for all.

   a. EXAMPLE: Doris is driving her car. She comes to a corner and there is a red light so she stops.
   b. EXAMPLE: Amy is a server at Perkins. She goes over to the table to take their order which consists of asking each of the four patrons what they want for their appetizer, their entrée, and their drink.
   c. EXAMPLE: Ben likes to make life easy by having a schedule for what he cooks for supper each night – Tuesday is spaghetti. Wednesday is Soup. Thursday is Roast Beef…

3. If you wanted to give your students a real world example of [Enter any key concept here] in their daily life, what would use and why? [Your example should be something DIFFERENT from what was used in the corresponding Code.org lesson]

4. If you wanted to give your students an example of when they see [Enter any key concept here] while using a computer, what specific example would you use and why?

   Another way to ask/consider question type #4 is "Give a specific example of when a computer program would use a [Enter appropriate key concept here]."