Real Life Functions Worksheet

We’ve talked about why functions are so important, how they are created, and how they are used. The following questions test your understanding of the material. In many cases there is not a single “correct” answer. Instead, be prepared to explain your decisions.

1. A person buys a candy bar from a vending machine.
   1. How is this situation a function?
   2. What is/are possible inputs(s) to the function and what are their types?
   3. What is the return value (if any) and what is its type?
   4. Represent what the function definition might look like in python.
2. A student takes a quiz with two multiple choice questions and two T/F questions.
   1. How is this situation a function?
   2. What is/are possible inputs(s) to the function and what are their types?
   3. What is the return value (if any) and what is its type?
   4. Represent what this function definition might look like in python.