Zumi Lesson December 15th

Name:

Test on Classes and Dictionaries in Python

Part 1: Classes

1. Why do we use classes in programming ? (Is it b/c we like making more complicated code)
2. Define a class named student. The constructor will only take in one argument, a name of a person.
3. With the same class student, create a class function called “reverse” that prints out the name in reverse. Hint: use a for loop
4. Create an object of this class and pass it your name (Bryan or Amrutha). Next, call the reverse function.

Part 2: Dictionaries

1. Give an example of when we would a dictionary to help use program something ?
2. Create an empty dictionary
3. What do dictionaries store as a pair?
4. value, key
5. class, value
6. object, key
7. key, value
8. How do you access data in a dictionary ?
9. Create a dictionary with 4 elements in it. The first part of the pair will be a number. The second will be a letter.