- 1. Give a definition for the following words in the context of Python classes:
 - (a) Object
 - (b) Class
 - (c) Instance
 - (d) Instance Variables
 - (e) Methods
 - (f) Constructor
- 2. Write a book class that holds the title, author, and page number as instance variables. Make sure to include a repr method.

3. I have two lists, one of which holds student names and the other holds student ID numbers. The *i*th name belongs to the *i*th ID. This is a bad system, however, because whenever I add a new student, I need to make sure all the ID numbers still match up. Write code that takes in two lists of this format, and returns a dictionary where the keys are the ID number and the values are the names.

4.	Consider a $Student$ class with one instance variable: a dictionary that maps class names to the grade points the student received in the class (4.0 if the student got A, 3.7 for an A-, etc.) Implement the following methods:
	(a) getGrade(self, courseName)
	(b) listCourses(self)
	(c) addNewCourse(self, courseName, grade)
	(d) changeGrade(self, courseName, newGrade)
	(e) calculateGPA(self)
	(f) calculateCredits(self) (assuming that all classes are 6 credits and a student only gets credits for grades of D- or better)
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