

Mission 10 Assignment	Name:
Pre-Mission Preparation	
In the last mission, you used a dictionary to store and access information. What do you remember about a dictionary?	
Mission 10 Checks	
Objective #1 Where in CodeSpace do you send and receive data from CodeBot?	
Objective #2 What built-in Python function is used to give information to CodeBot?	
Objective #3 List at least 2 benefits of a dictionary:	1. 2.
What command retrieves a value from a key?	
Objective #4 What code lets you add a key:value pair to an already defined dictionary?	
Objective #5 What new way to use a dictionary is used in this objective?	
Objective #6 What does "refactoring" mean?	
What are 2 ways to define an empty dictionary?	
Objective #7 What is the code for iterating through the keys of a dictionary?	

<p>Objective #8 What command will remove a key from a dictionary?</p> <p>When does a KeyError happen?</p>	
<p>Objective #9 How many key:value pairs does your final program contain?</p>	
<p>Post-Mission Reflection</p>	
<p>On a scale of 1 (not fun) to 5 (the best!), rank this mission. Explain why.</p>	
<p>On a scale of 1 (too easy) to 5 (very hard), rank this mission. Explain why.</p>	
<p>Dictionaries are used in all types of software. They are an efficient way to search collections of items you define in code, or for looking up items for a simple task. Think about objects that complete a task after you tell it what to do. Discuss one object that may use a dictionary for efficiency:</p>	