

# Lab 6.01 - Internet Abbreviations ## Instructions Write a program that uses a dictionary to offer users the meanings of common internet abbreviations. The program, `dictionary\_lab.py`, prompts the user to enter an internet abbreviation they would like explained. If the requested abbreviation is in the program's dictionary (use the `in` keyword with an `if` statement to test this), then it prints out the definition. If the abbreviation is not in the dictionary, the program prints an apologetic message saying that it could not find a definition. ### Example Output ``python >>> python3 dictionary\_lab.py What word would you like to look up? nbd nbd: a phrase meaning no big deal What word would you like to look up? kittens Sorry, kittens is not defined What would you like to look up? `` ## Bonus Extend the program with any of these features: The user can \* update the definitions (values) for existing abbreviations in the dictionary \* add new abbreviations (keys) and provide their definitions (values). \* delete entries (key, value pairs) from the dictionary. \* get the entire dictionary printed to the screen. Lesson 6.01 did not cover all the techniques for manipulating dictionaries that you will need to program these features. Search for the necessary information in the [Python tutorial about dictionaries][1] and the [advanced Python documentation about dictionaries][2]. [Dictionaries]: <https://docs.python.org/3/tutorial/datastructures.html#dictionaries> [Types Mapping]: <https://docs.python.org/3/library/stdtypes.html#typesmapping>