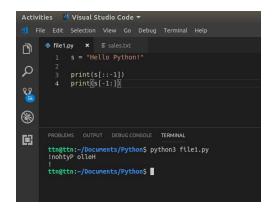
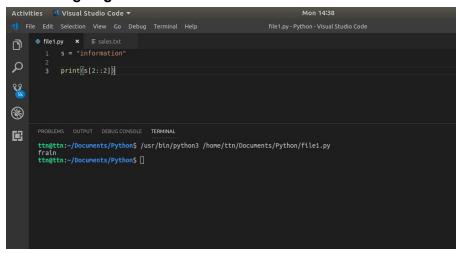
Exercise

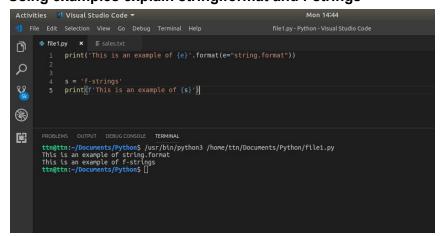
1. Given string my_string = 'Hello Python!', Reverse the string using slicing, print '!' using indexing



2. Use slicing to get word "frain" from "information".



3. Using examples explain string.format and f-strings

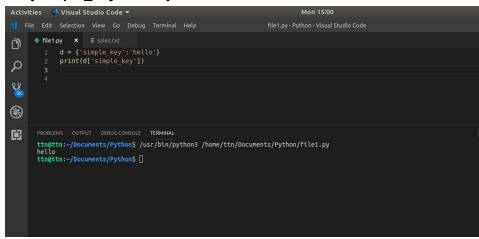


4. Can we sort a dictionary? Why or why not?

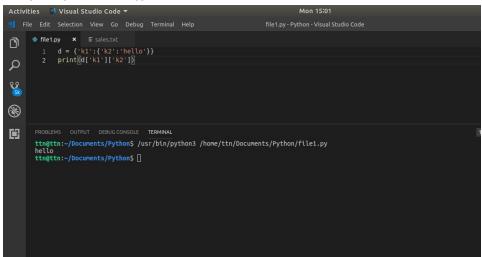
No, we cannot sort a dictionary. Dictionaries uses key, value pairs and those key, value pairs can be sorted using .sorted() function but a dictionary as a whole cannot be sorted because they are unordered mappings.

5. Using keys and indexing, grab the 'hello' from the following dictionaries:

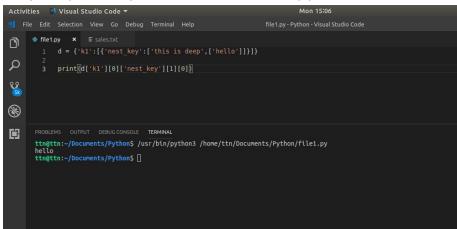
d = {'simple_key':'hello'}



d = {'k1':{'k2':'hello'}}



d = {'k1':[{'nest_key':['this is deep',['hello']]}]}



d = {'k1':[1,2,{'k2':['this is tricky',{'tough':[1,2,['hello']]}]}]}

