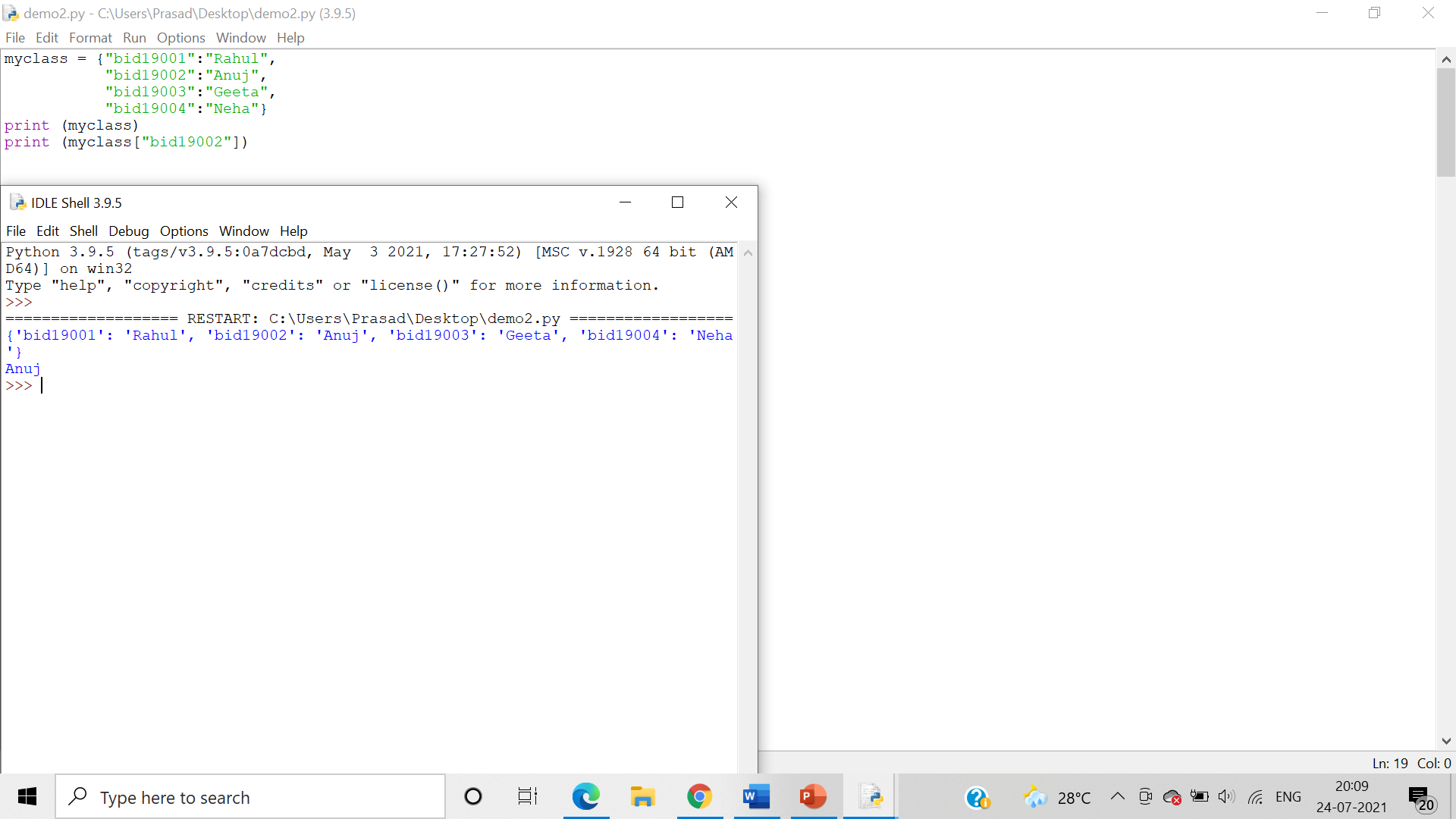
**Python and Bio-Python**

Assignment 5

Practical Solving:  
1.     Write a program demonstrating declaration and accessing dictionaries and its elements.

Answer: Program demonstrating accessing dictionaries and its elements:

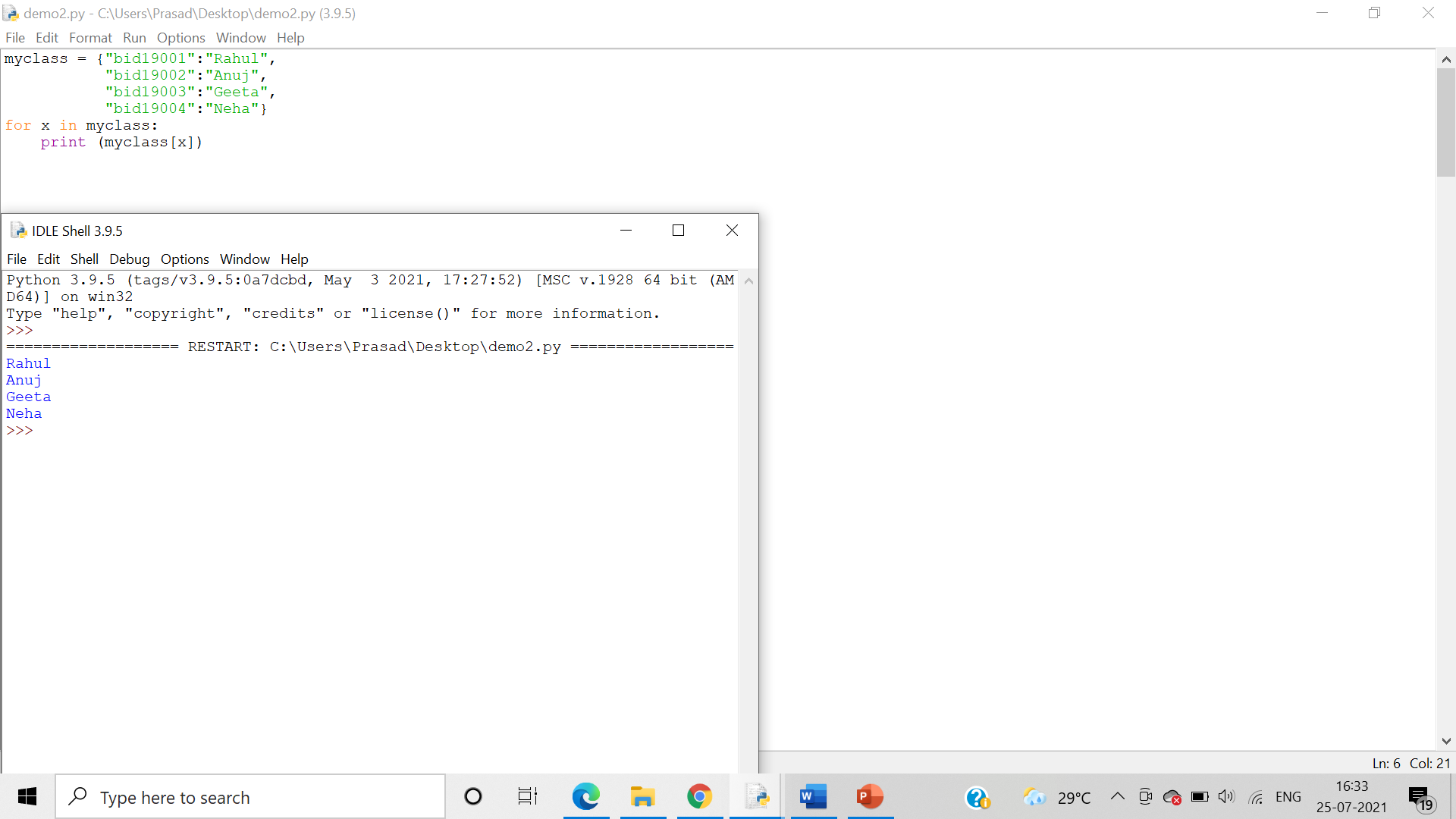


2.     Write a program demonstrating looping through the dictionaries, printing keys and values separately and together

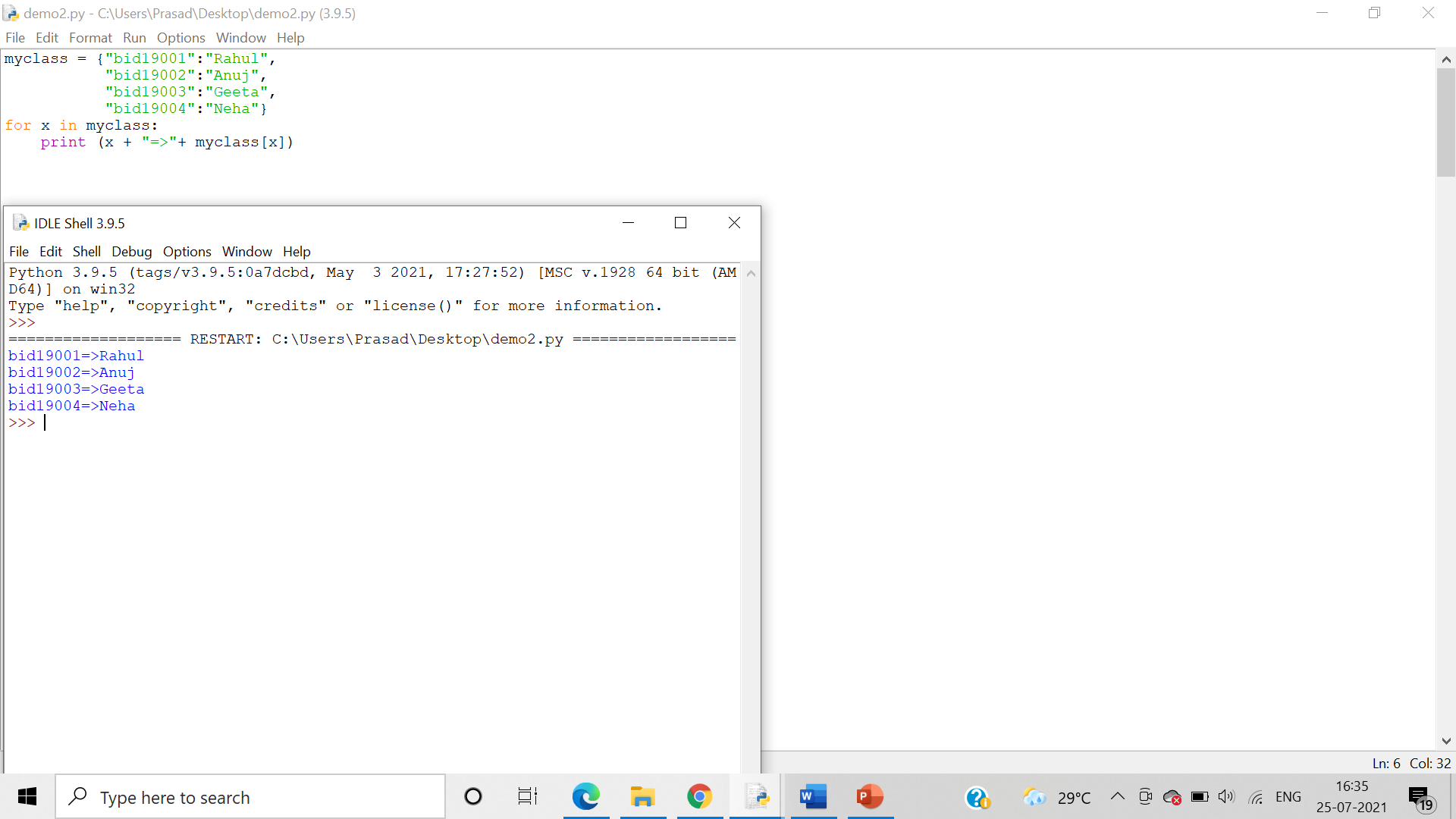
Answer: Program demonstrating looping through the dictionaries



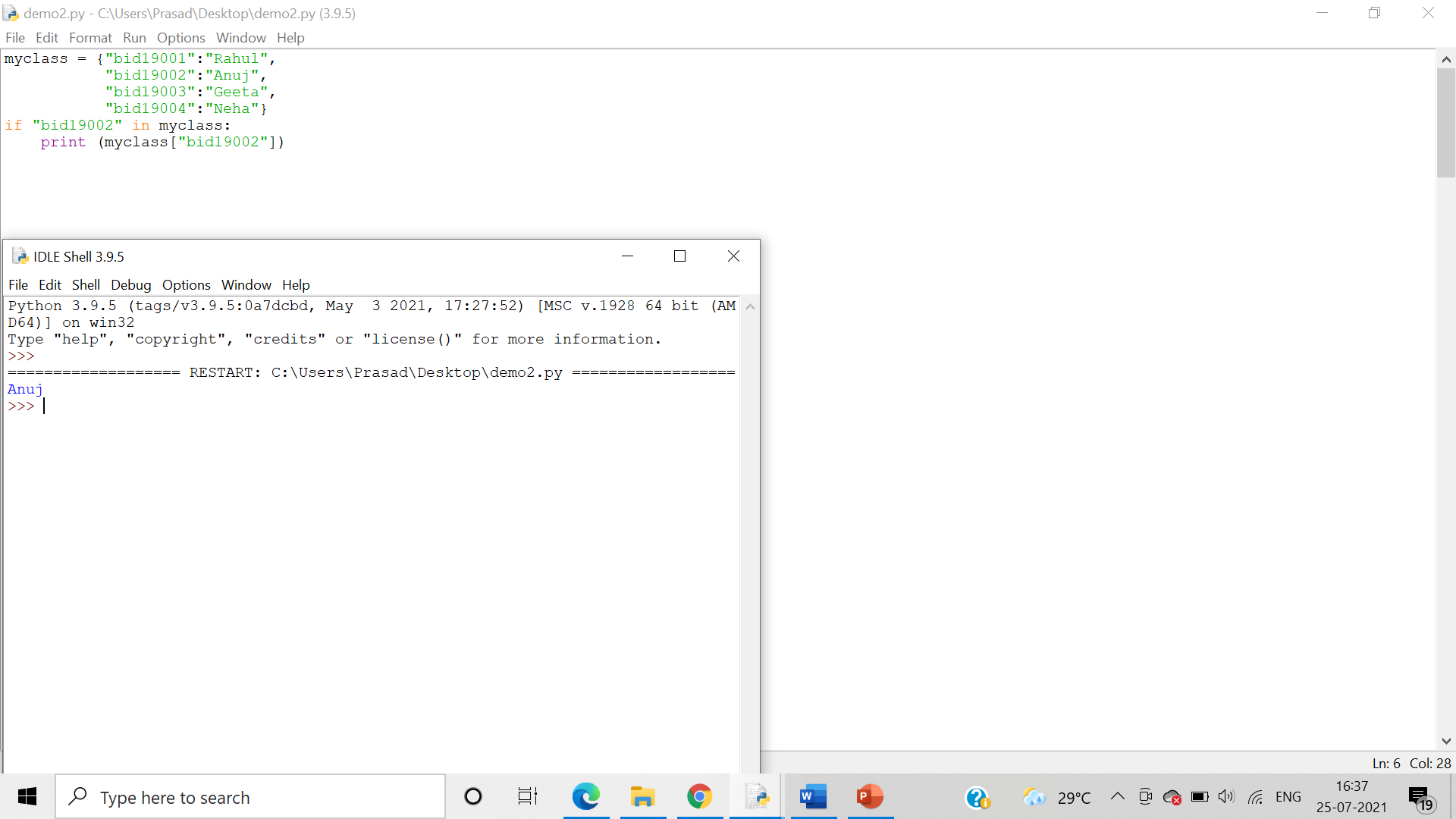
Program demonstrating looping through the printing values:



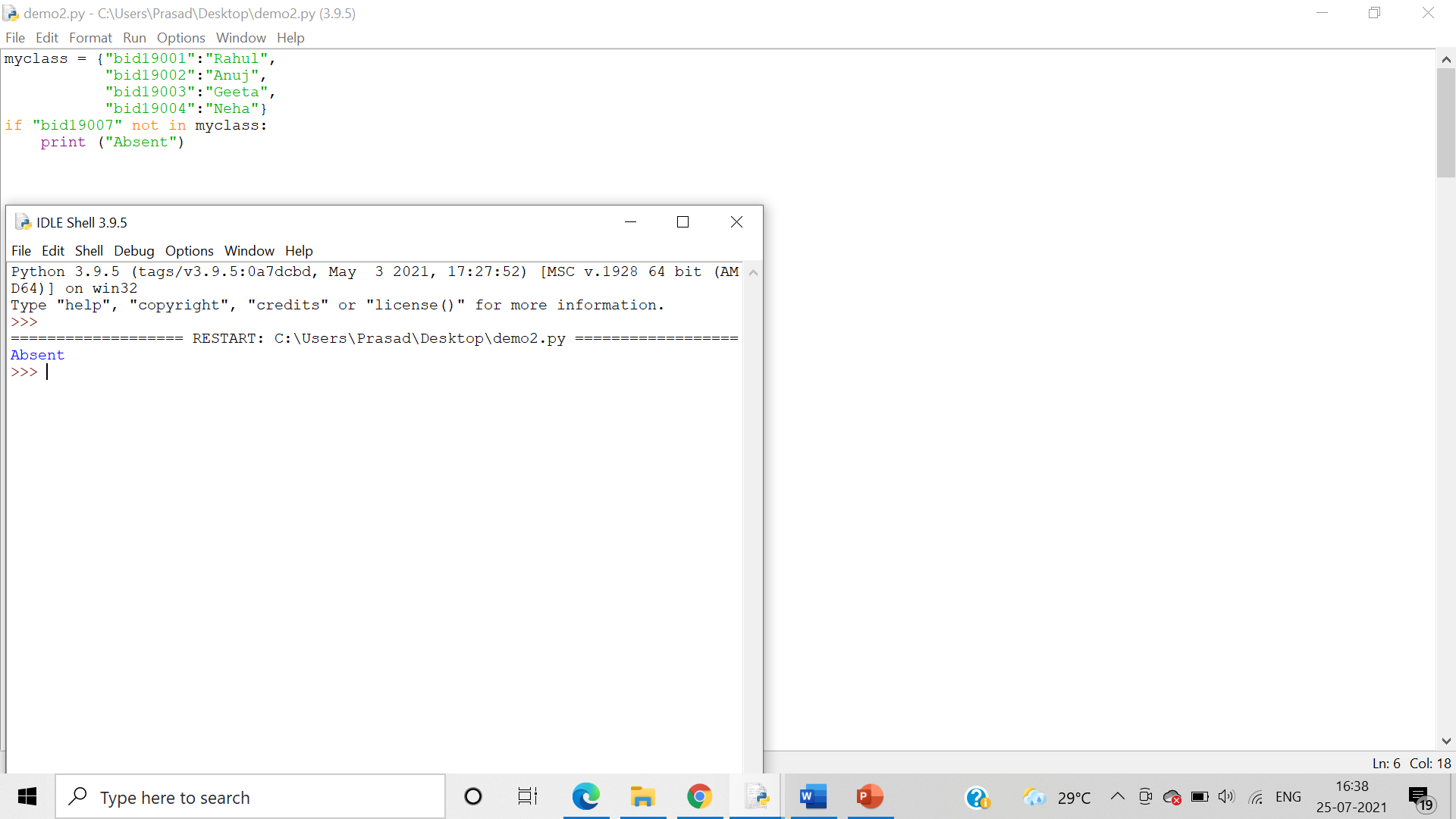
Program demonstrating looping through the printing values and keys:



3.     Write a program demonstrating “in” and “not in” keywords on Dictionaries

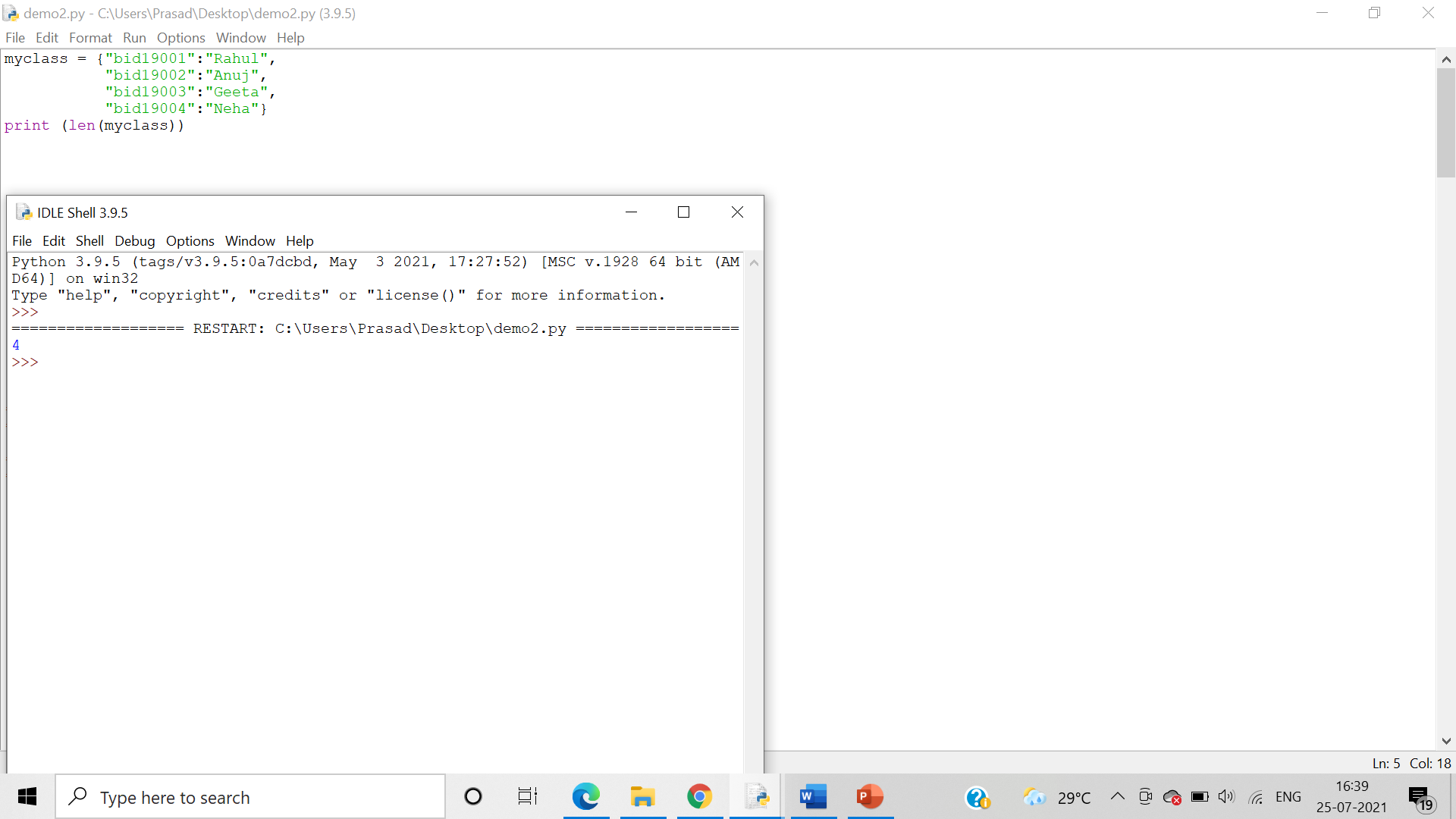
Answer: A program demonstrating “in” keyword on Dictionaries:

A program demonstrating “not in” keyword on Dictionaries

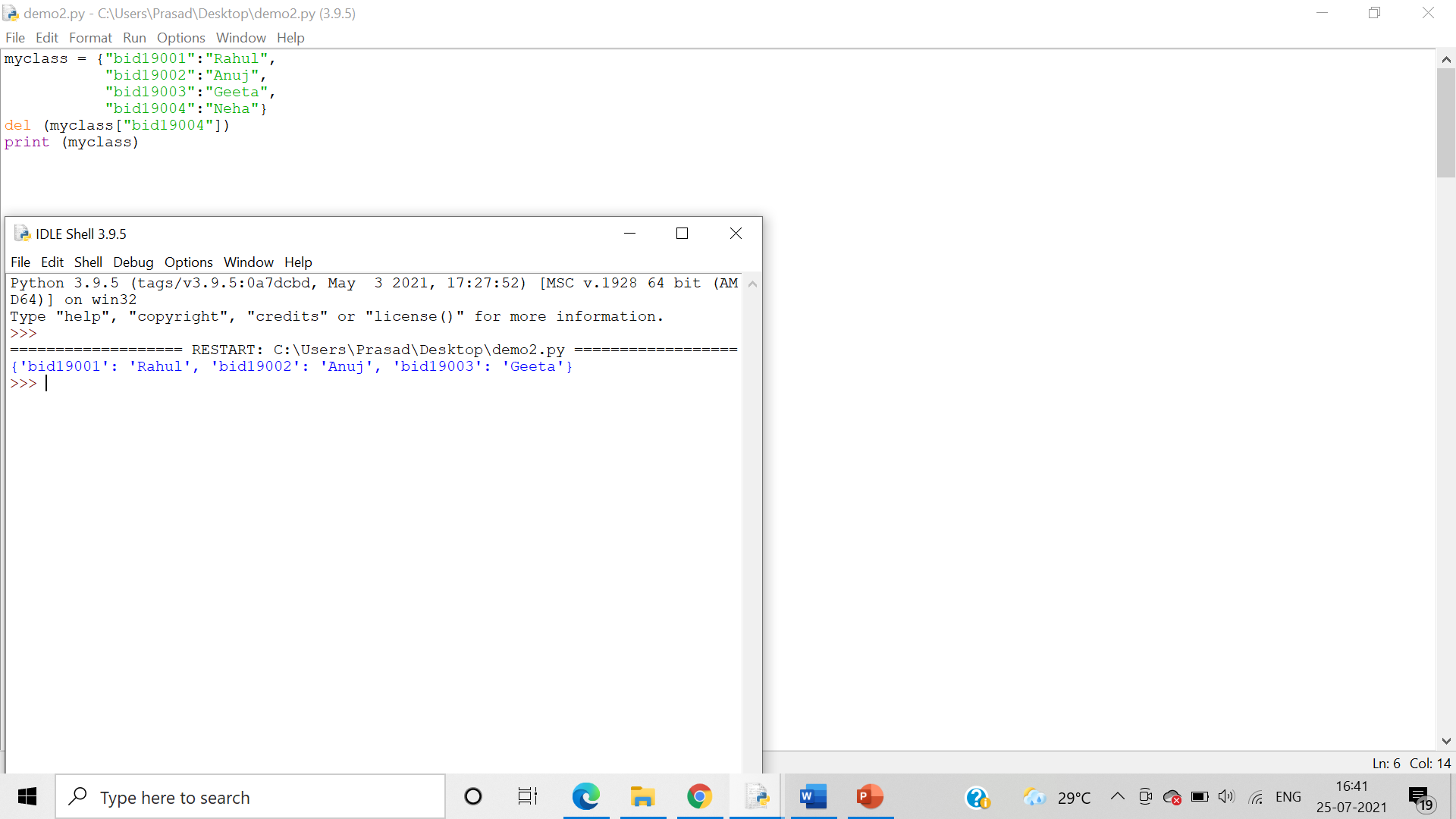


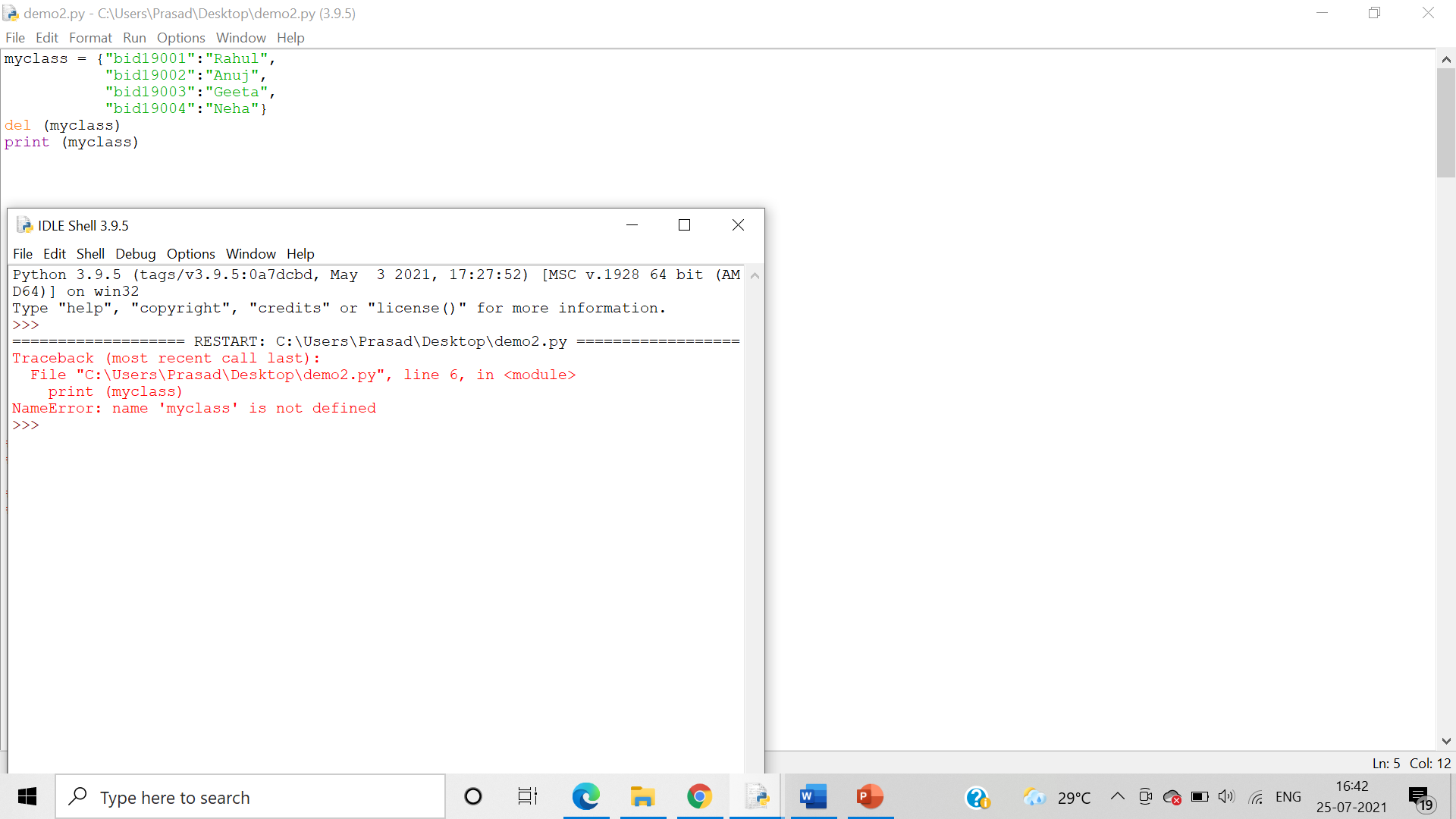
4.     Write a program demonstrating len() and del() function on Dictionaries.

Answer: Program demonstrating len() function on Dictionaries:



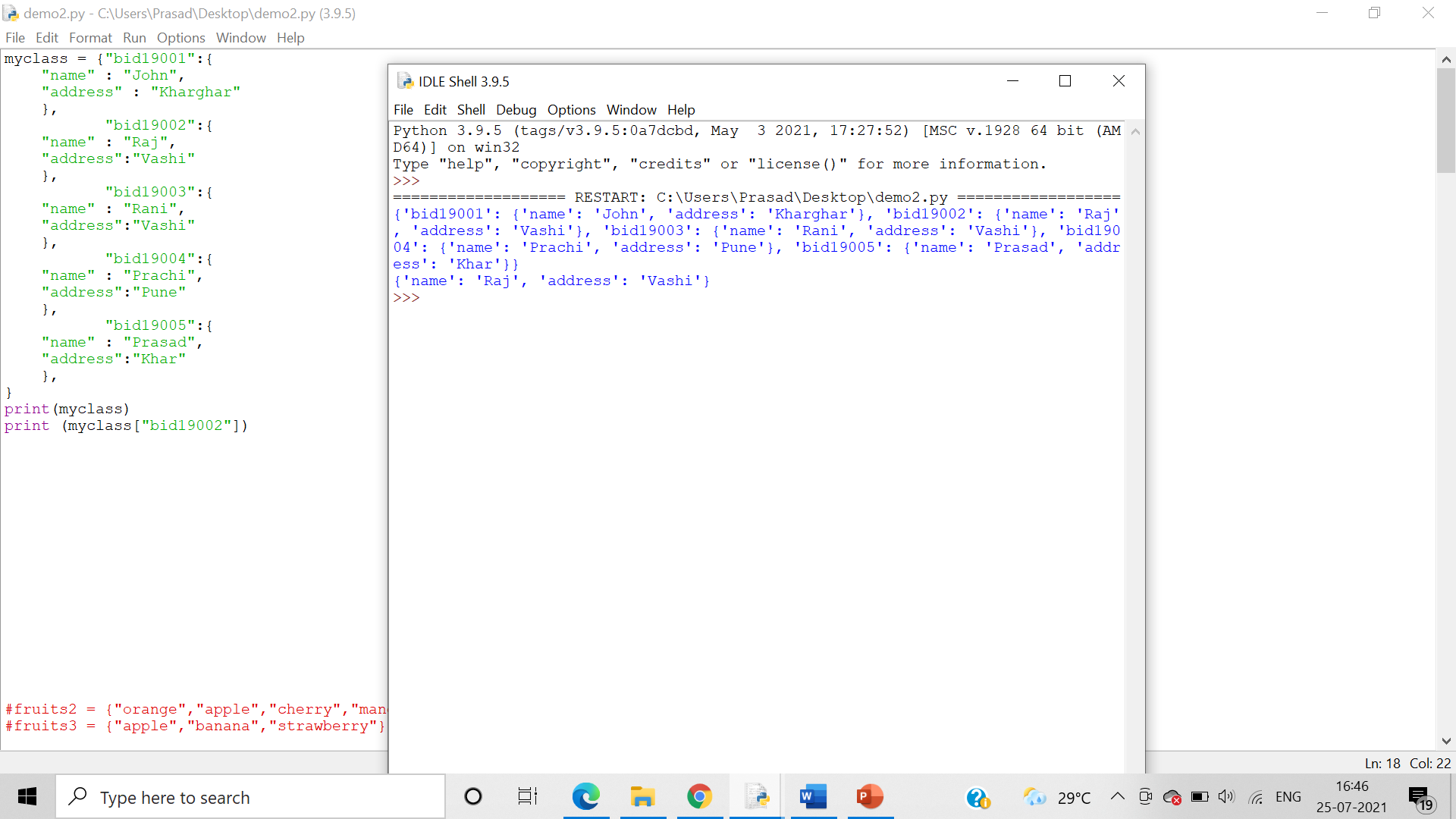
Program demonstrating del() function on Dictionaries:





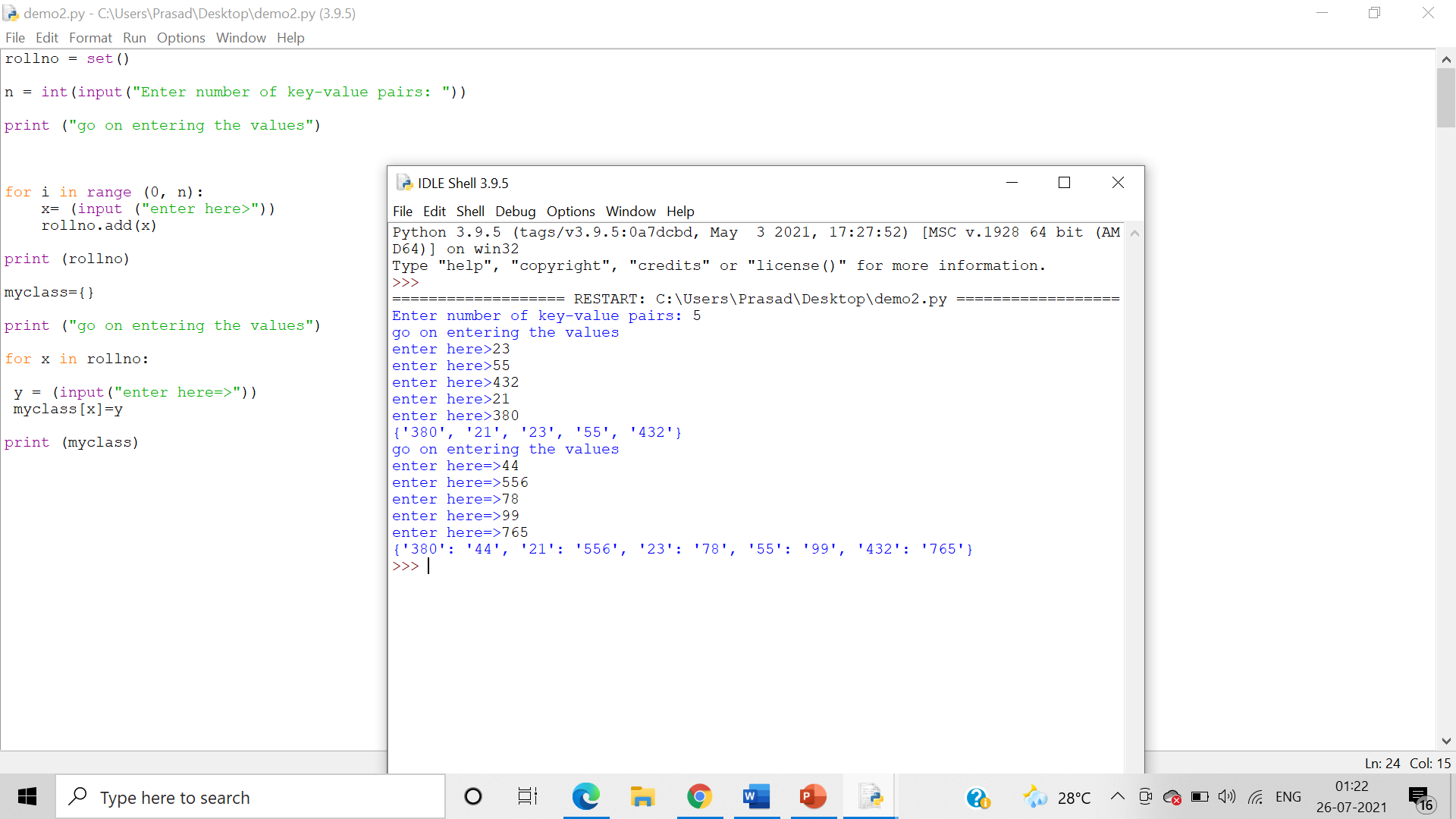
5.     Write a program demonstrating Nested Dictionaries

Answer: Program demonstrating Nested Dictionaries:



6.     Write a program demonstrating input of Dictionary elements from the user

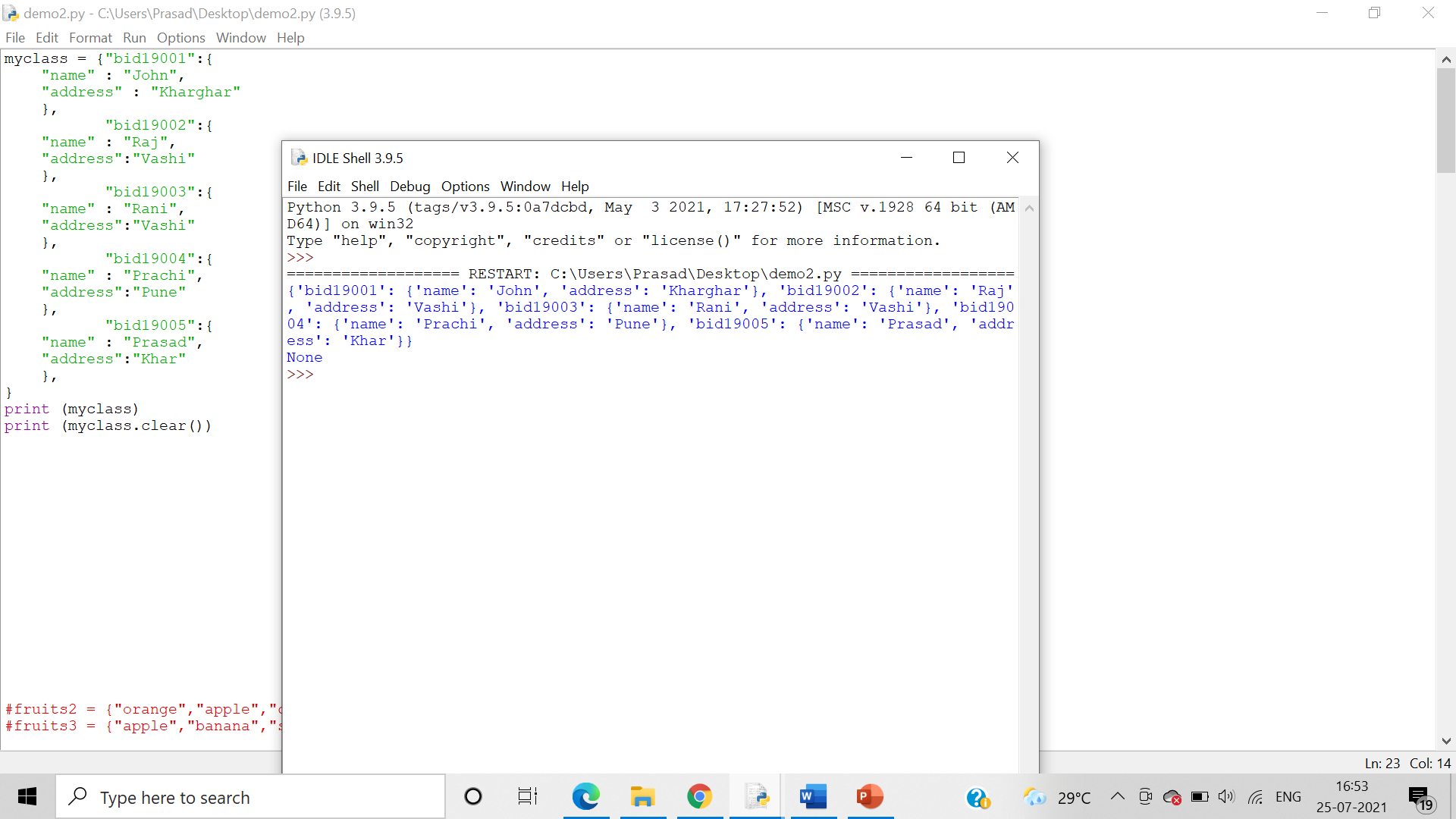
Answer: Program demonstrating input of Dictionary elements from the user:



7.     Write set of programs for demonstrating the usage of all the different dictionary methods along with their variations

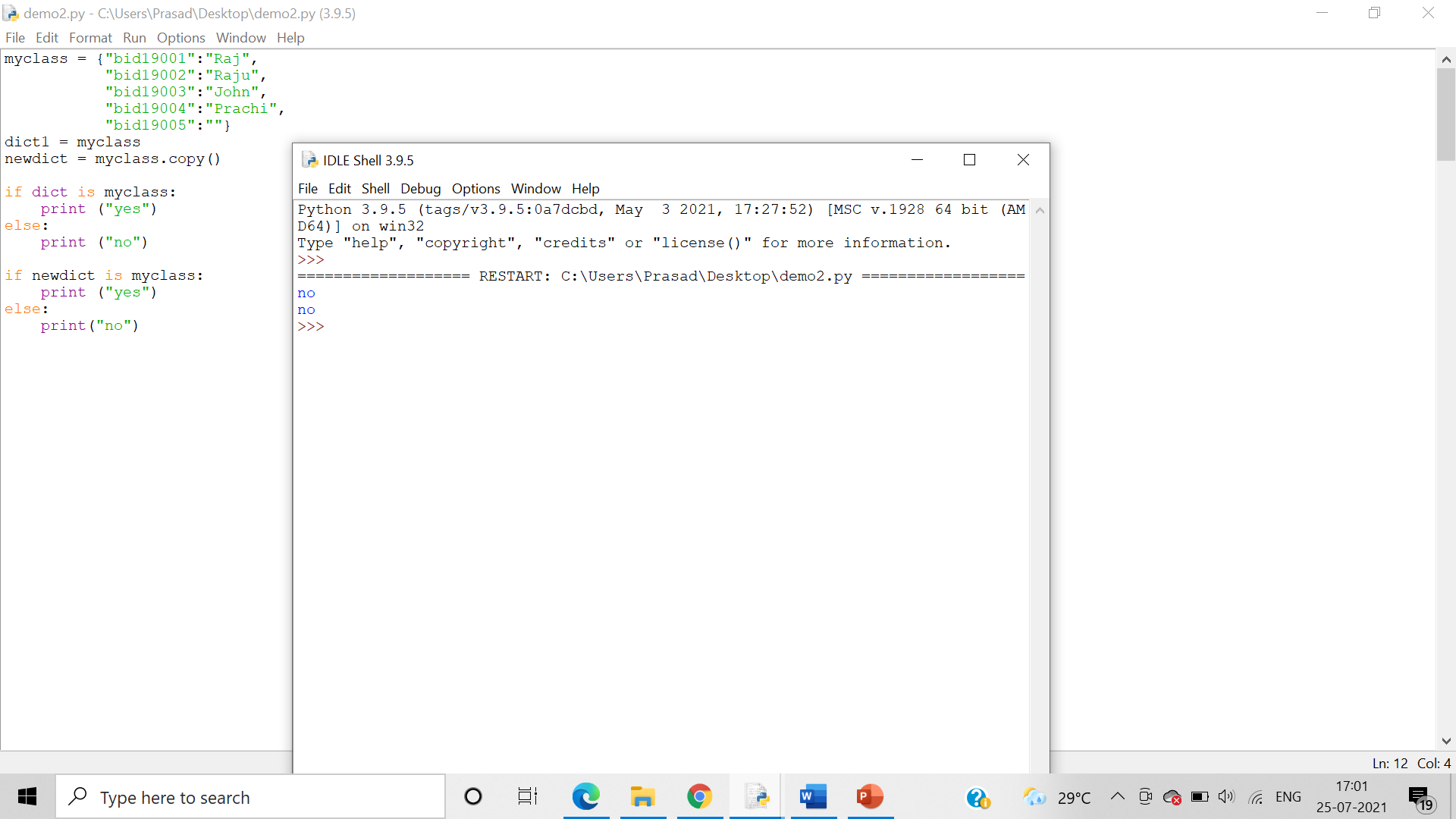
Answer: Programs for demonstrating

clear()

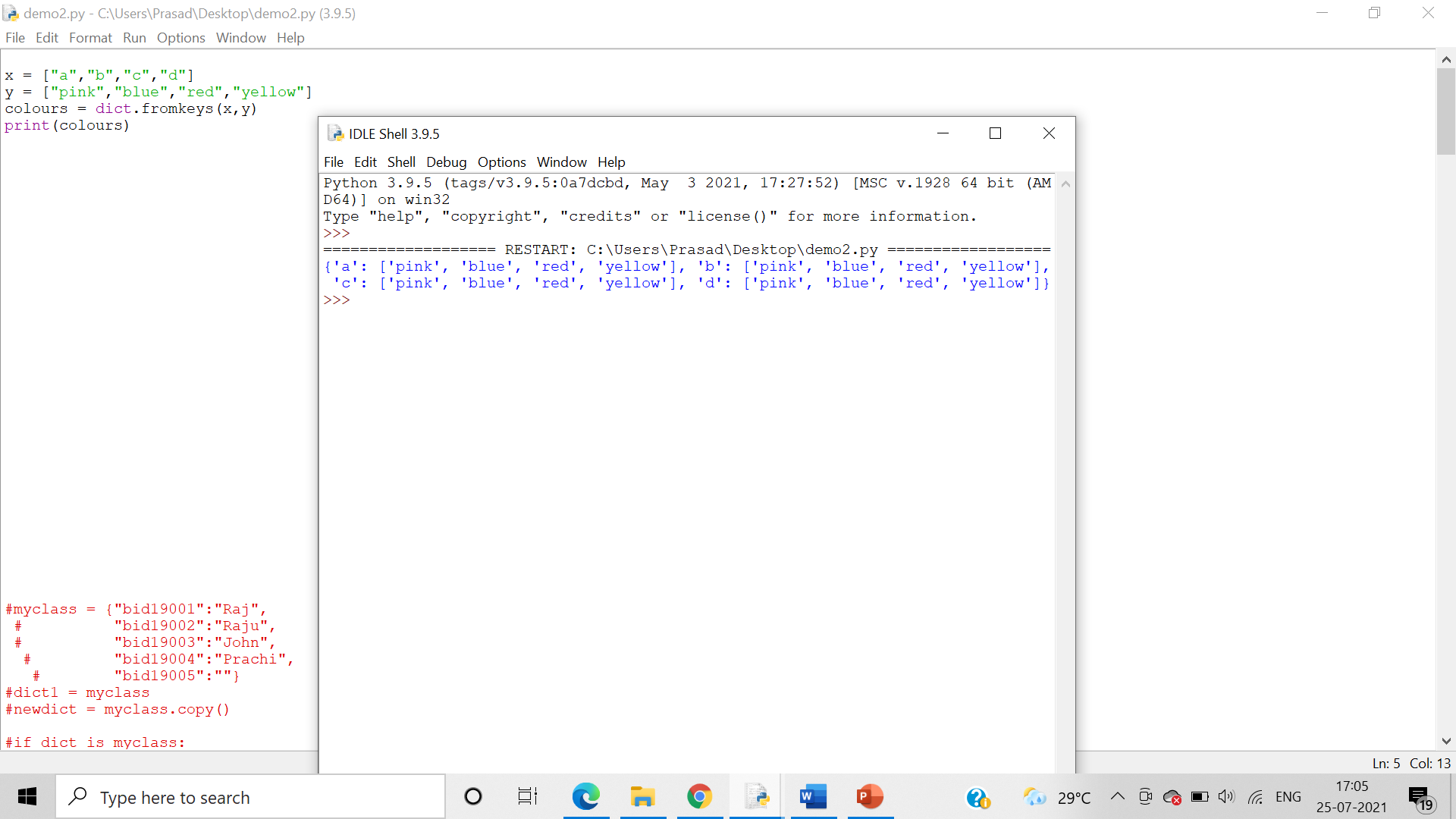


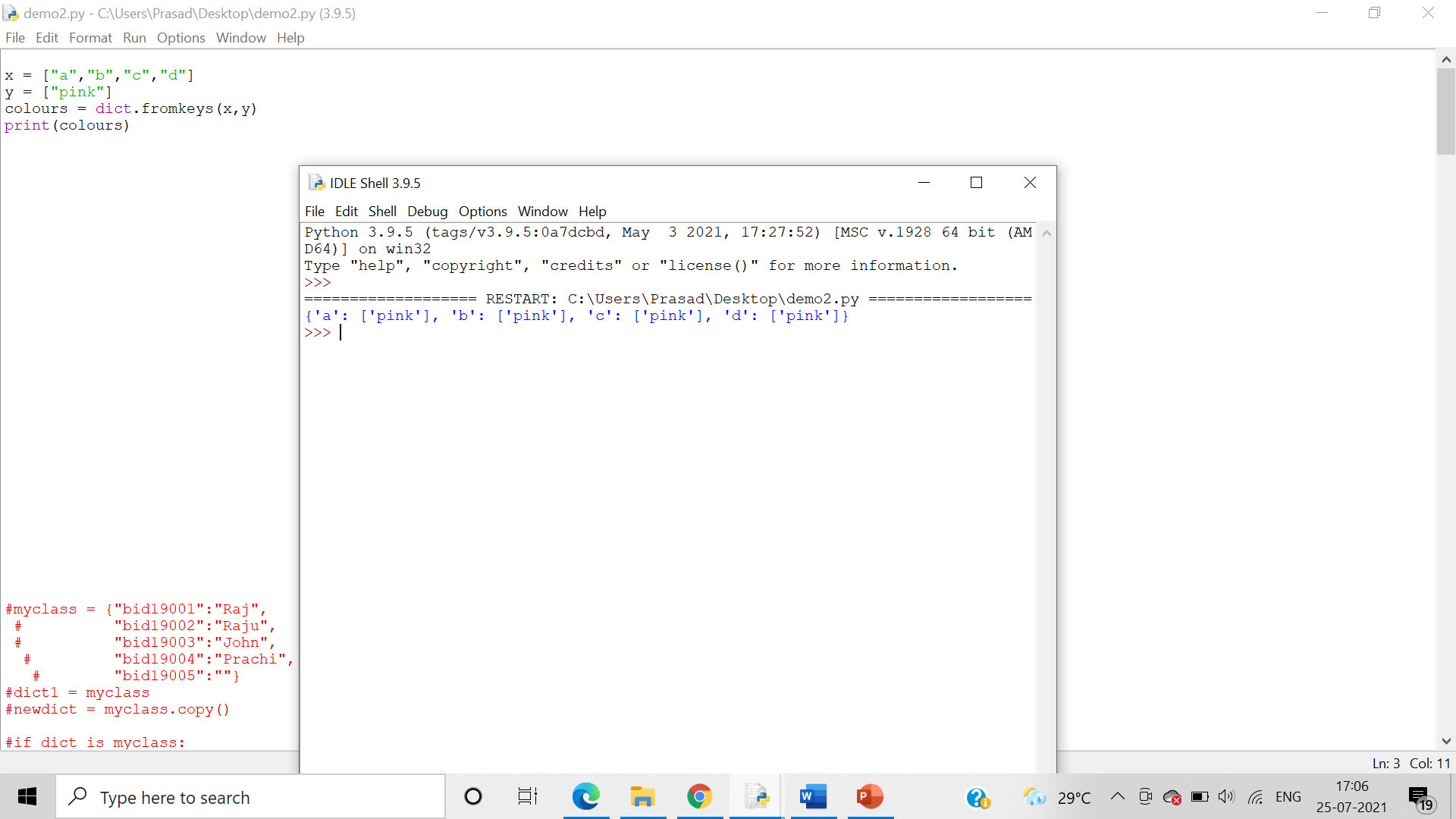
copy()

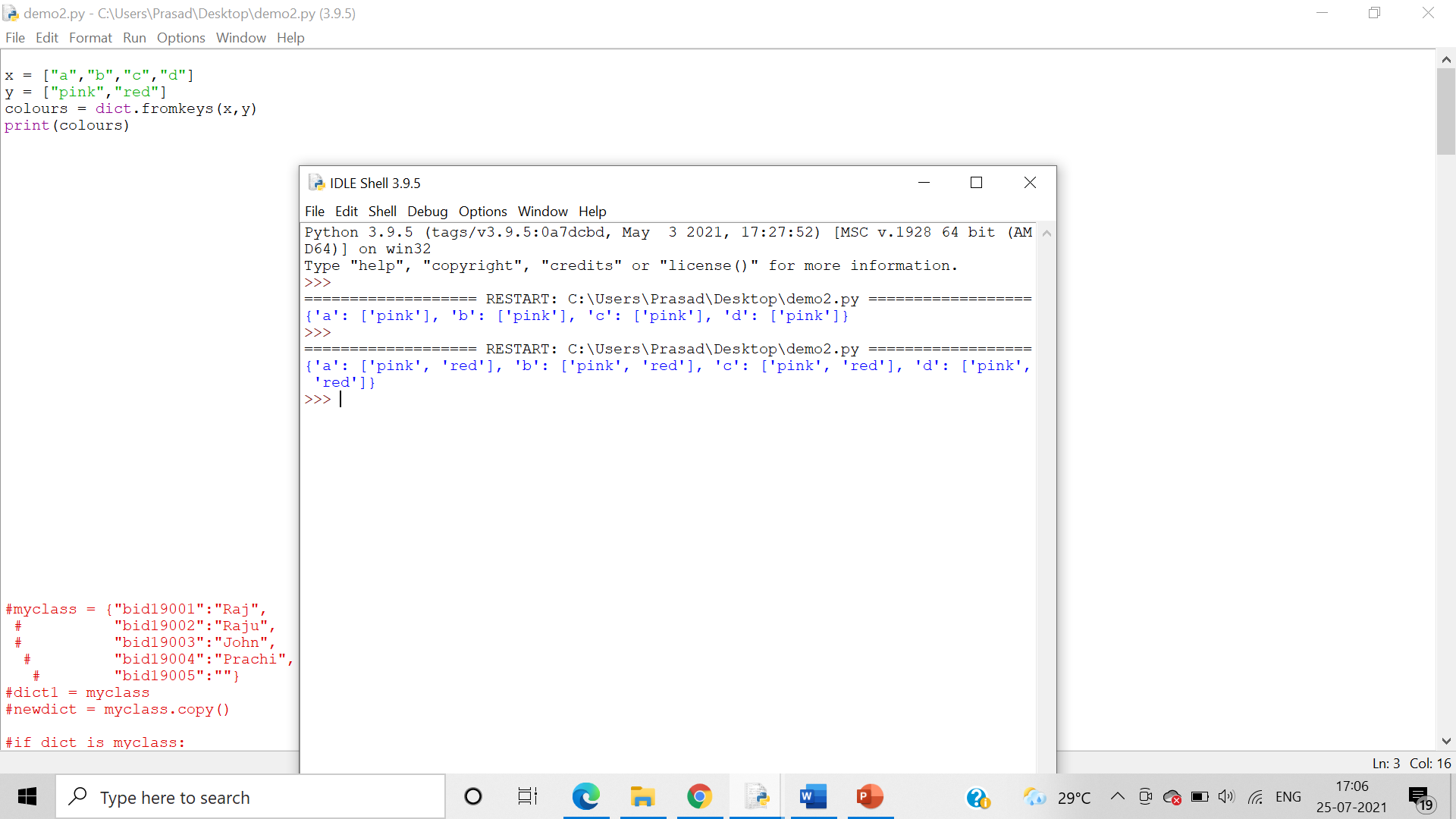


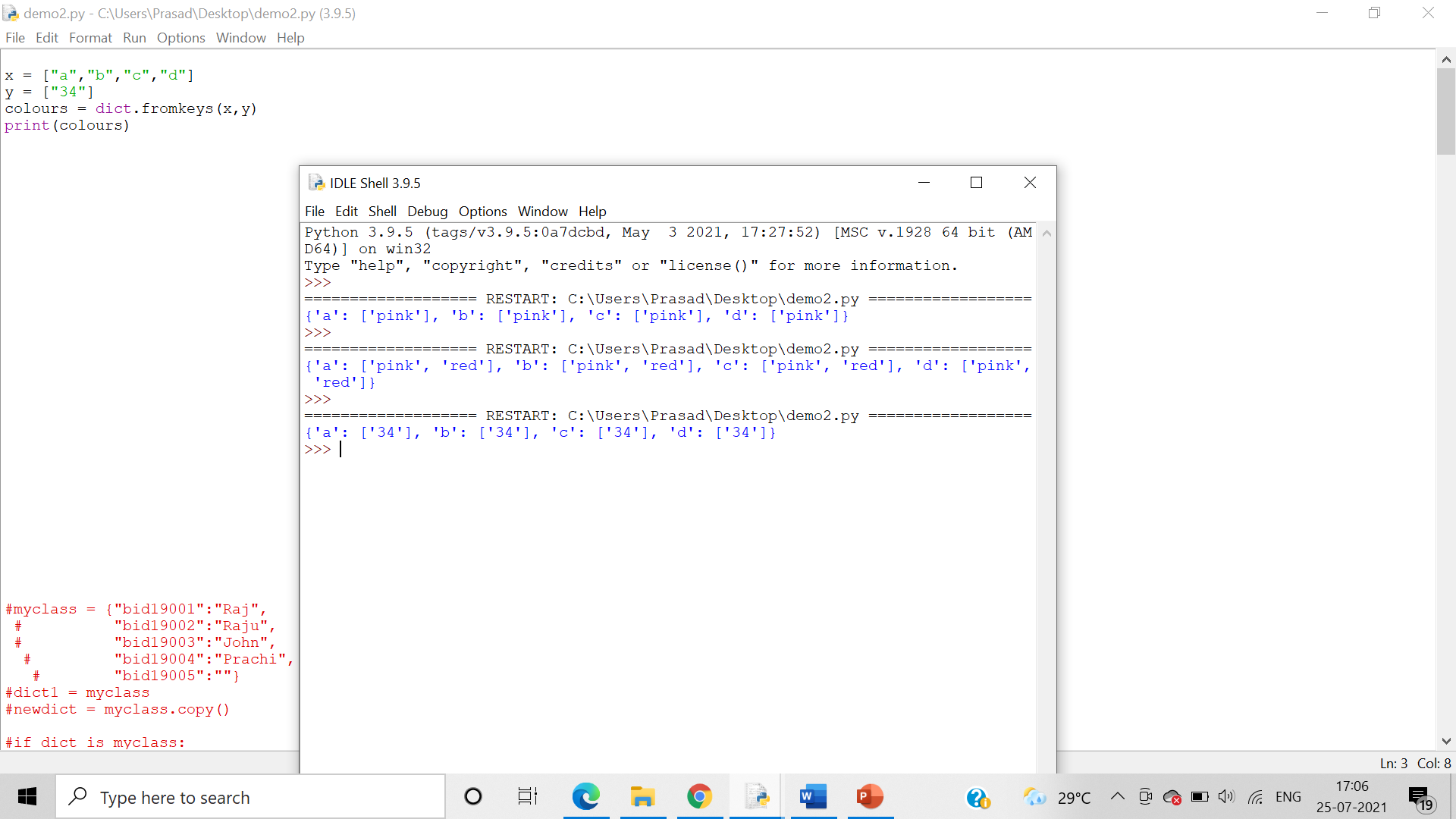


fromkeys()



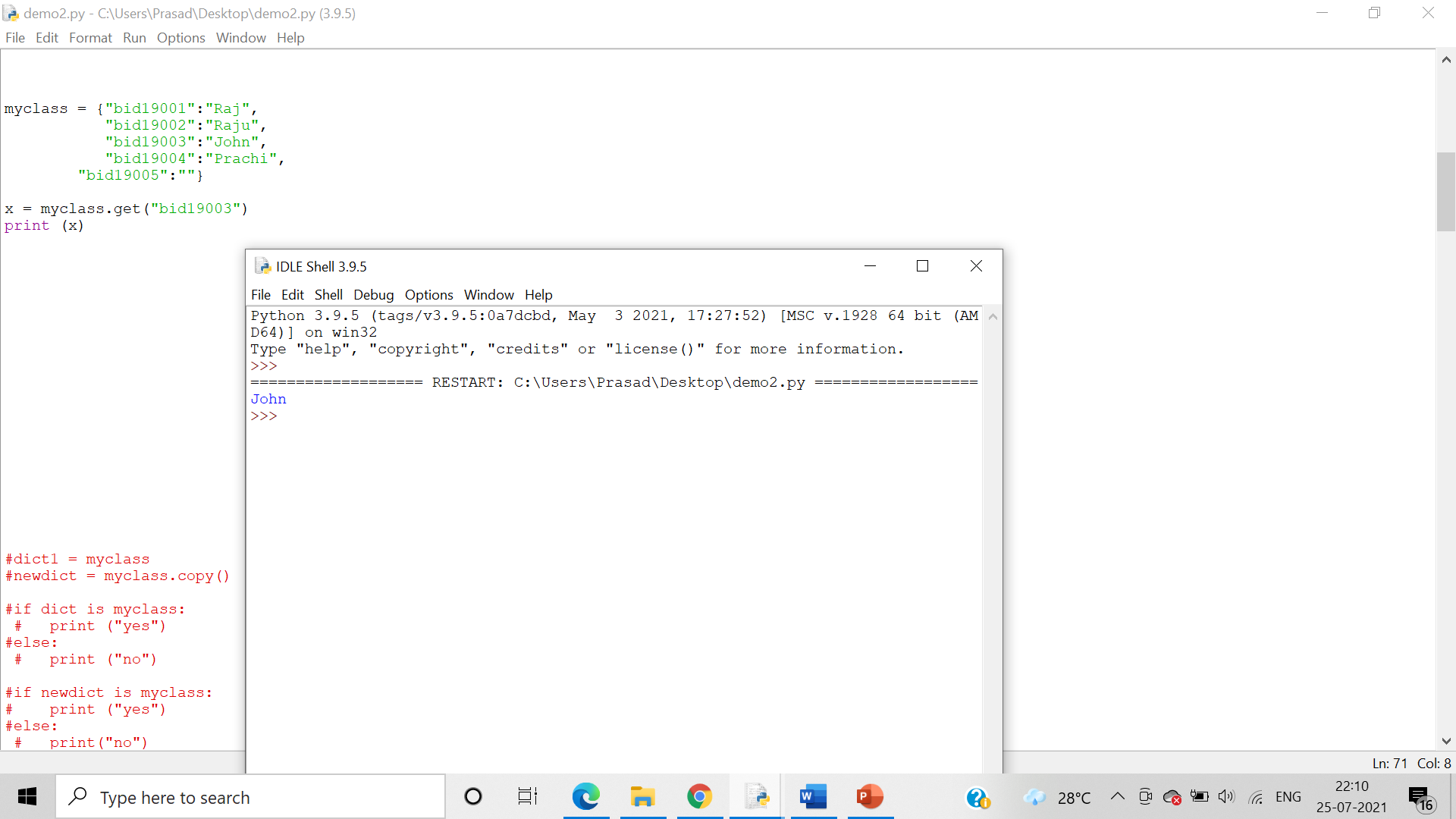


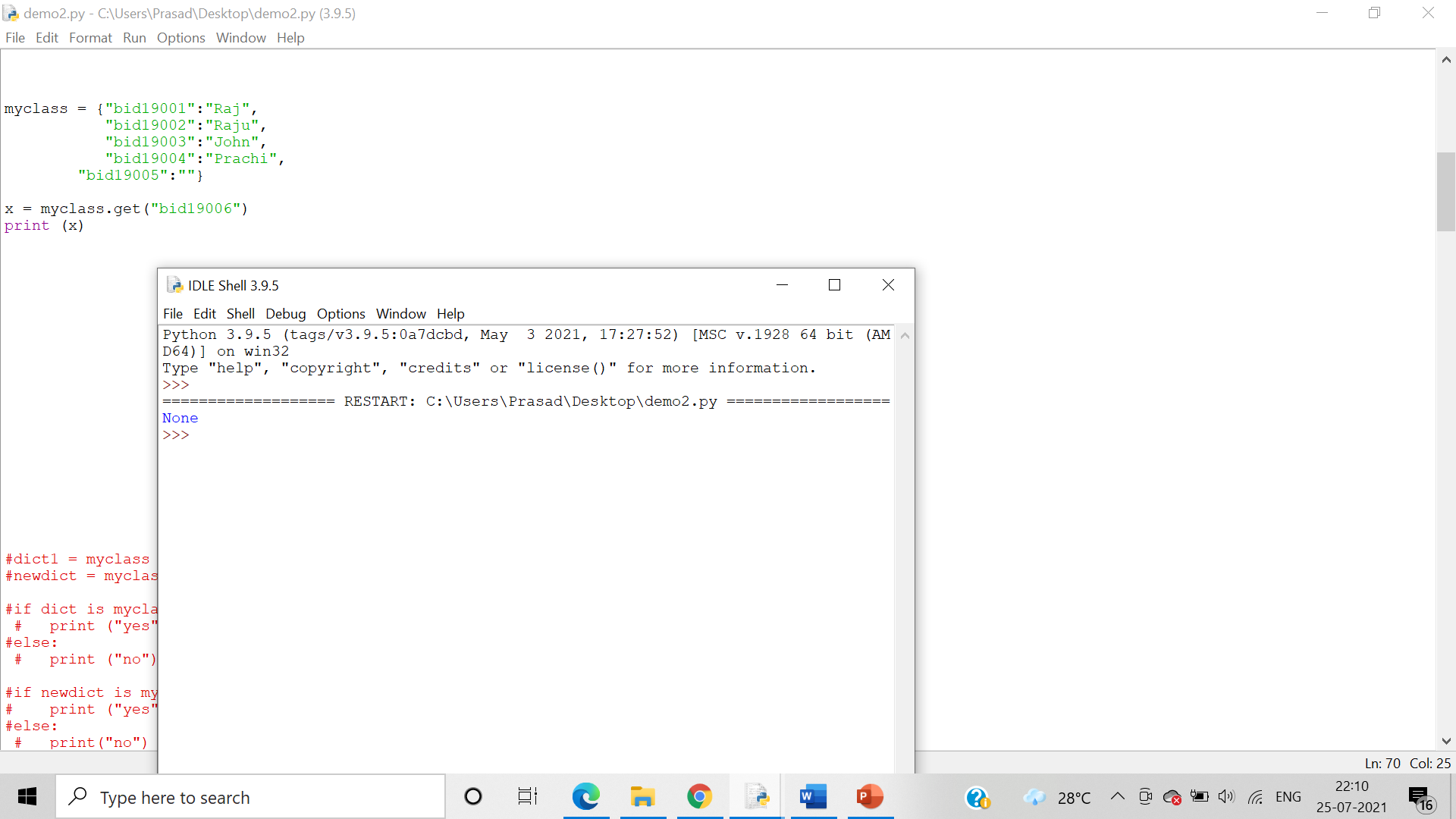


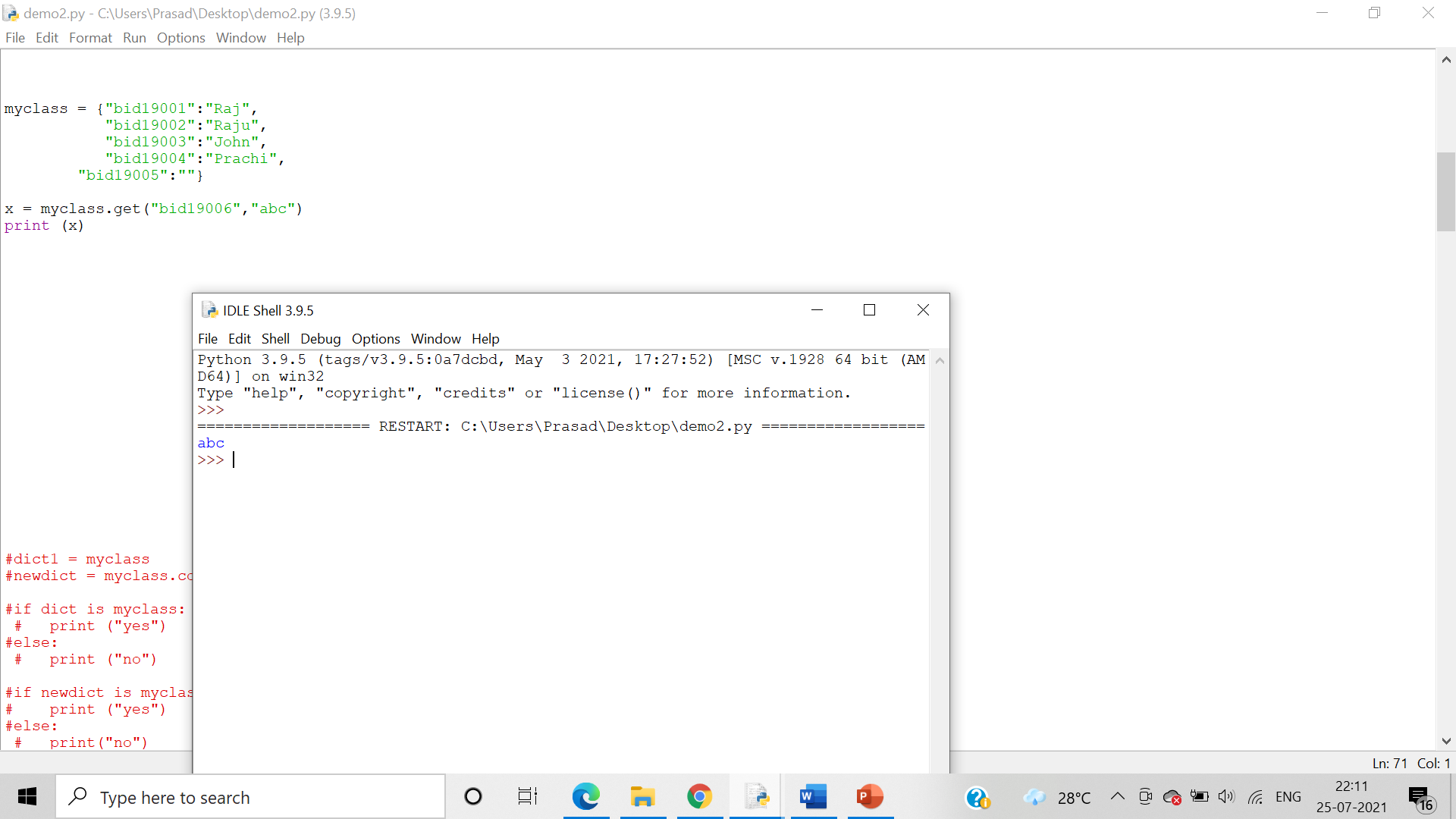


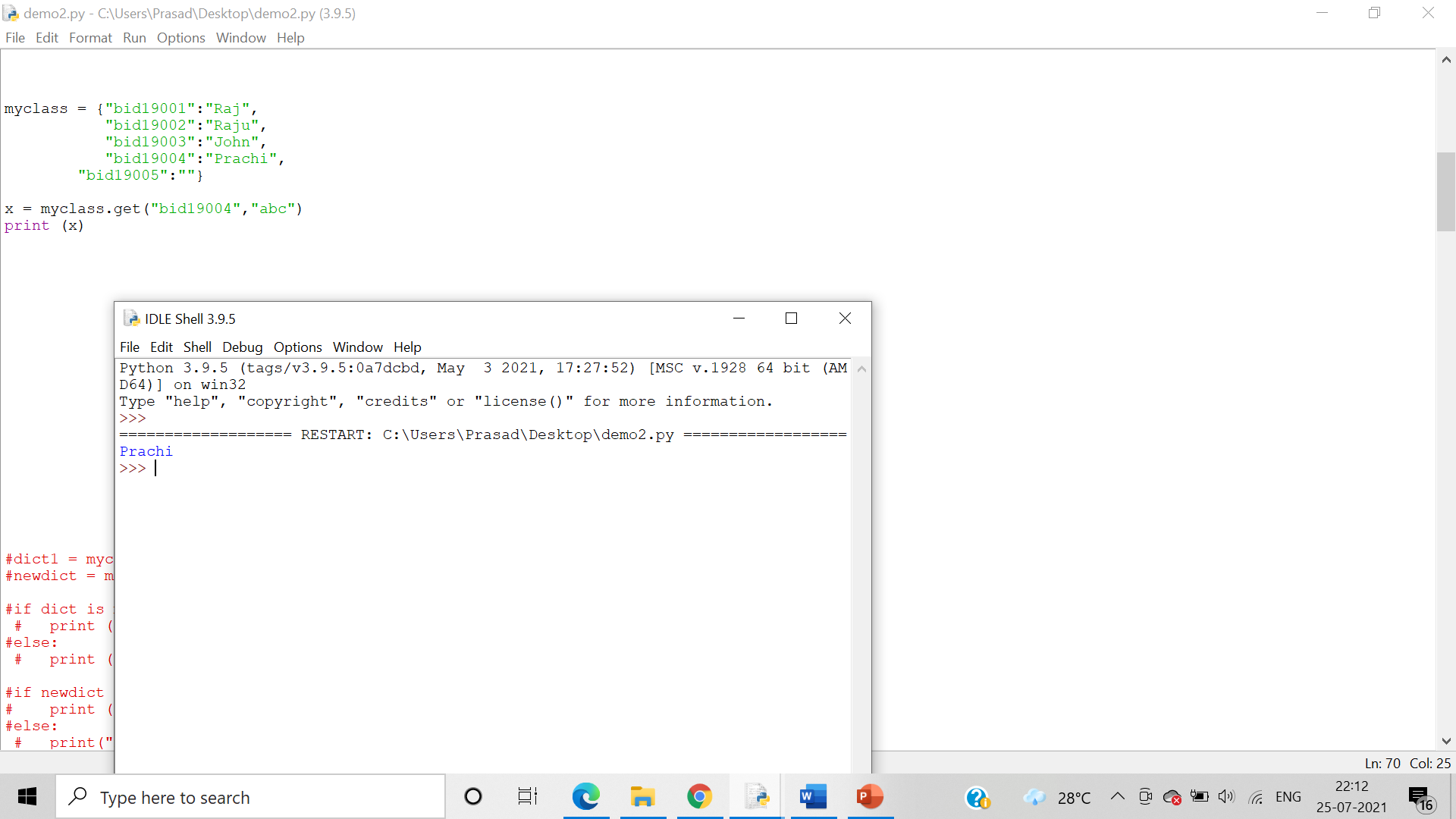


get()

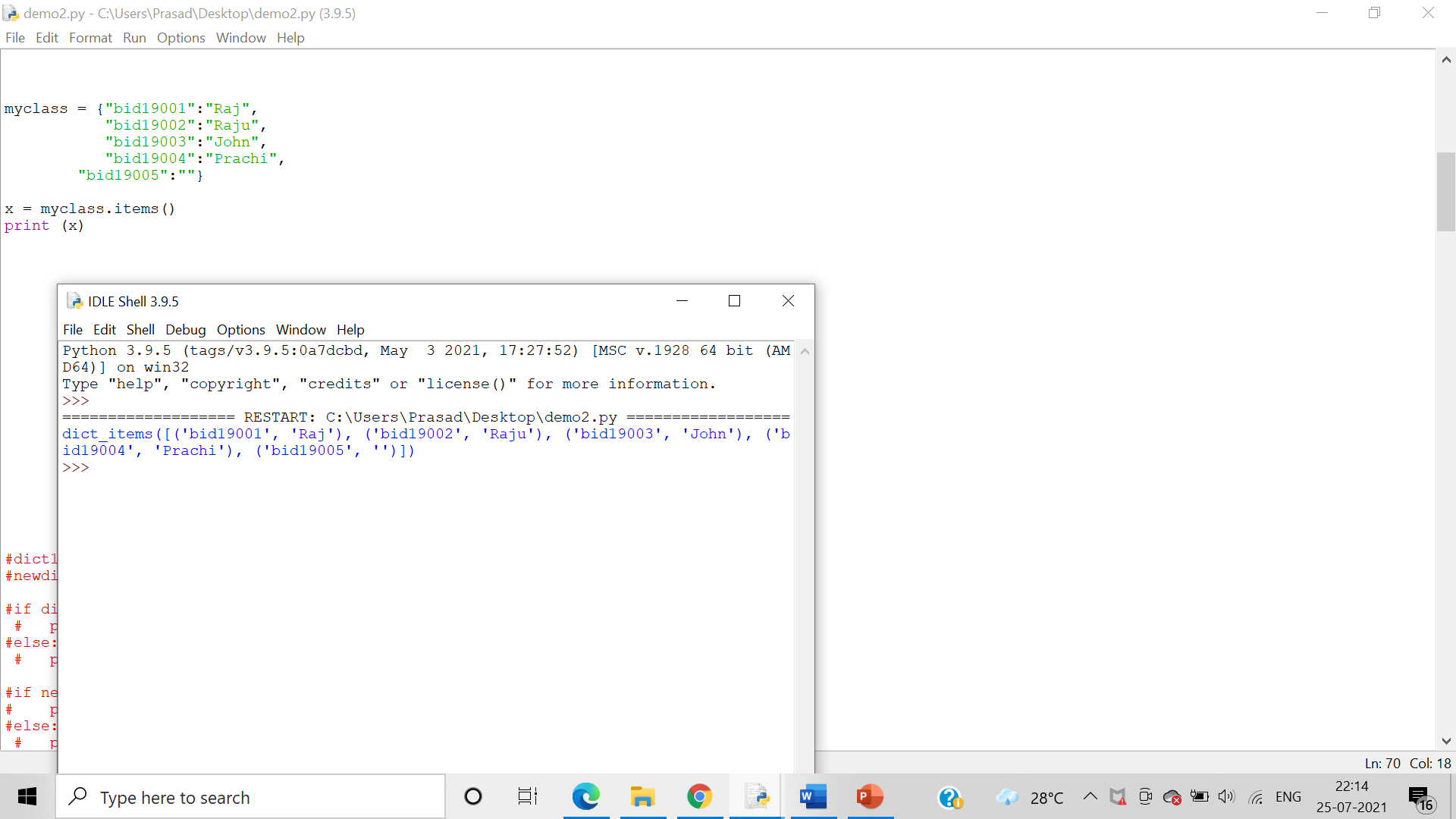


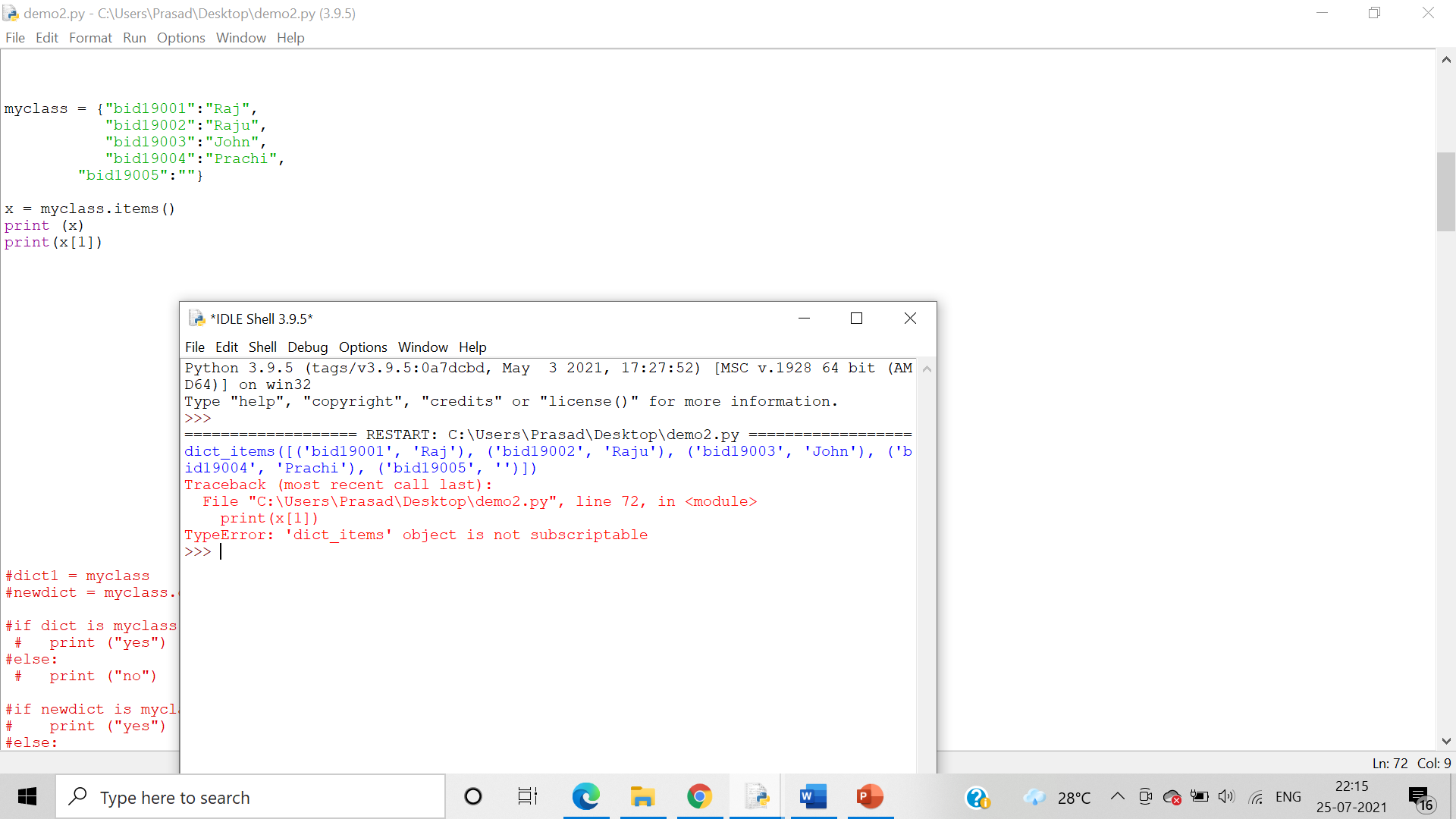




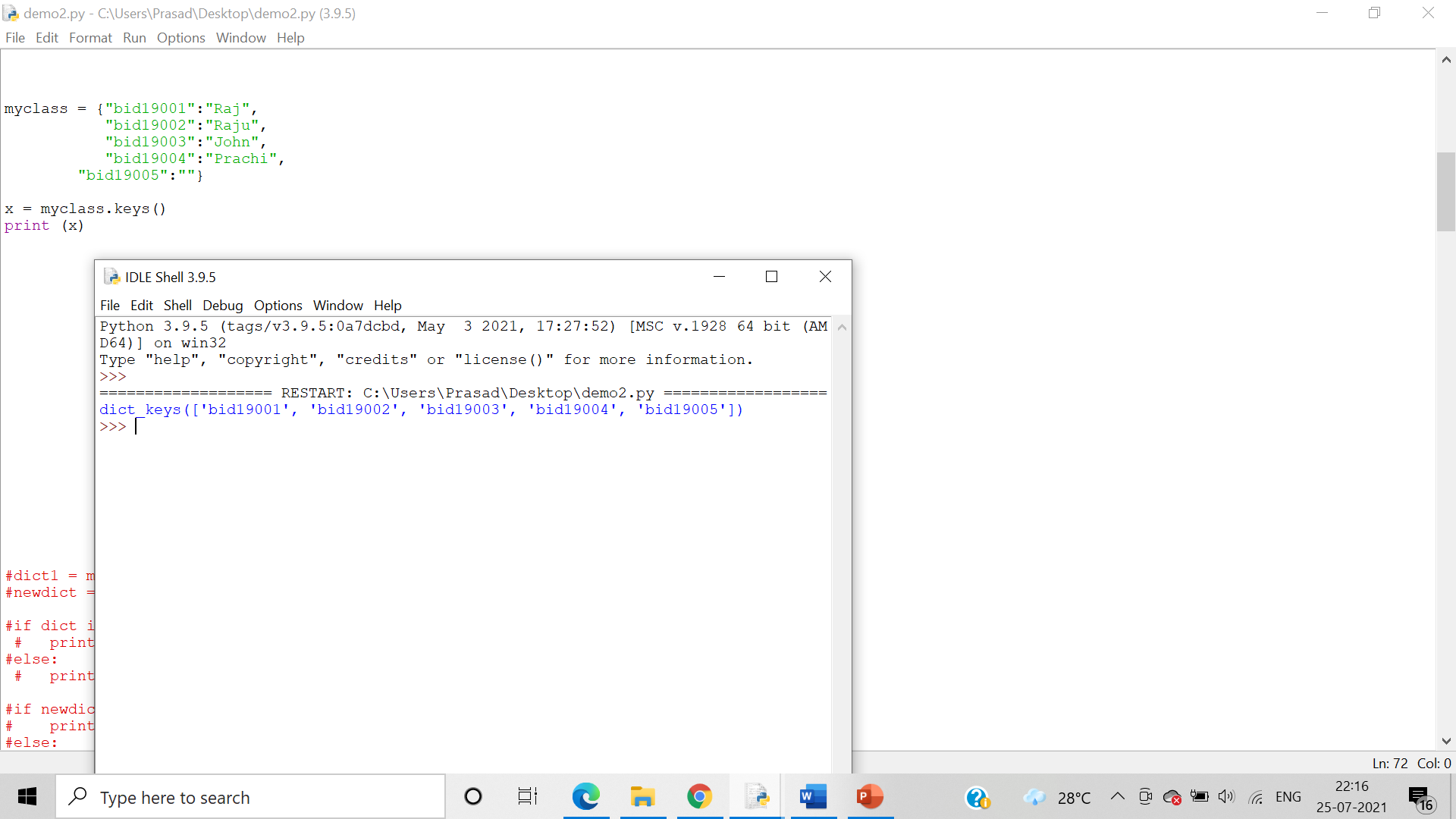


items()

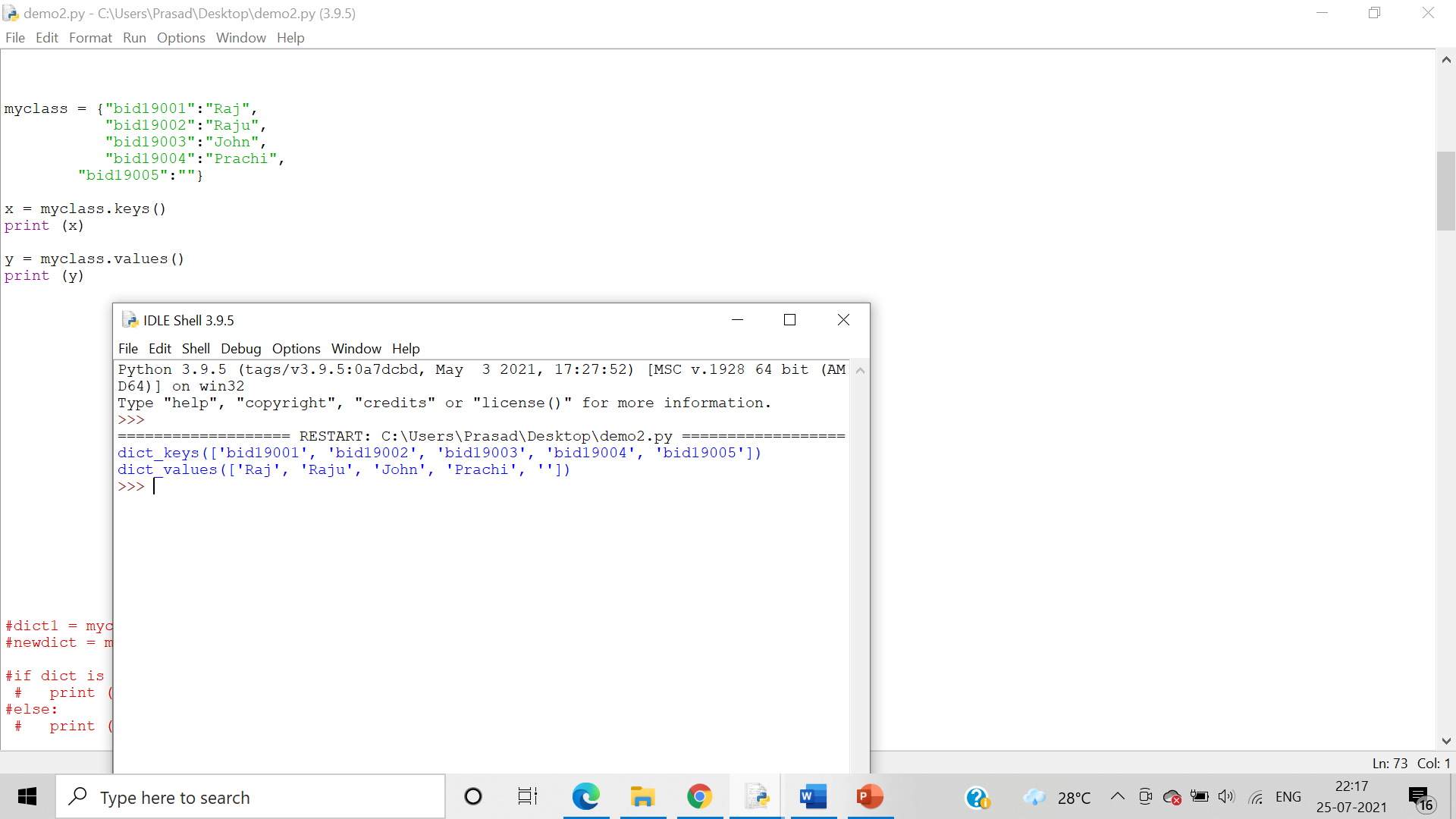




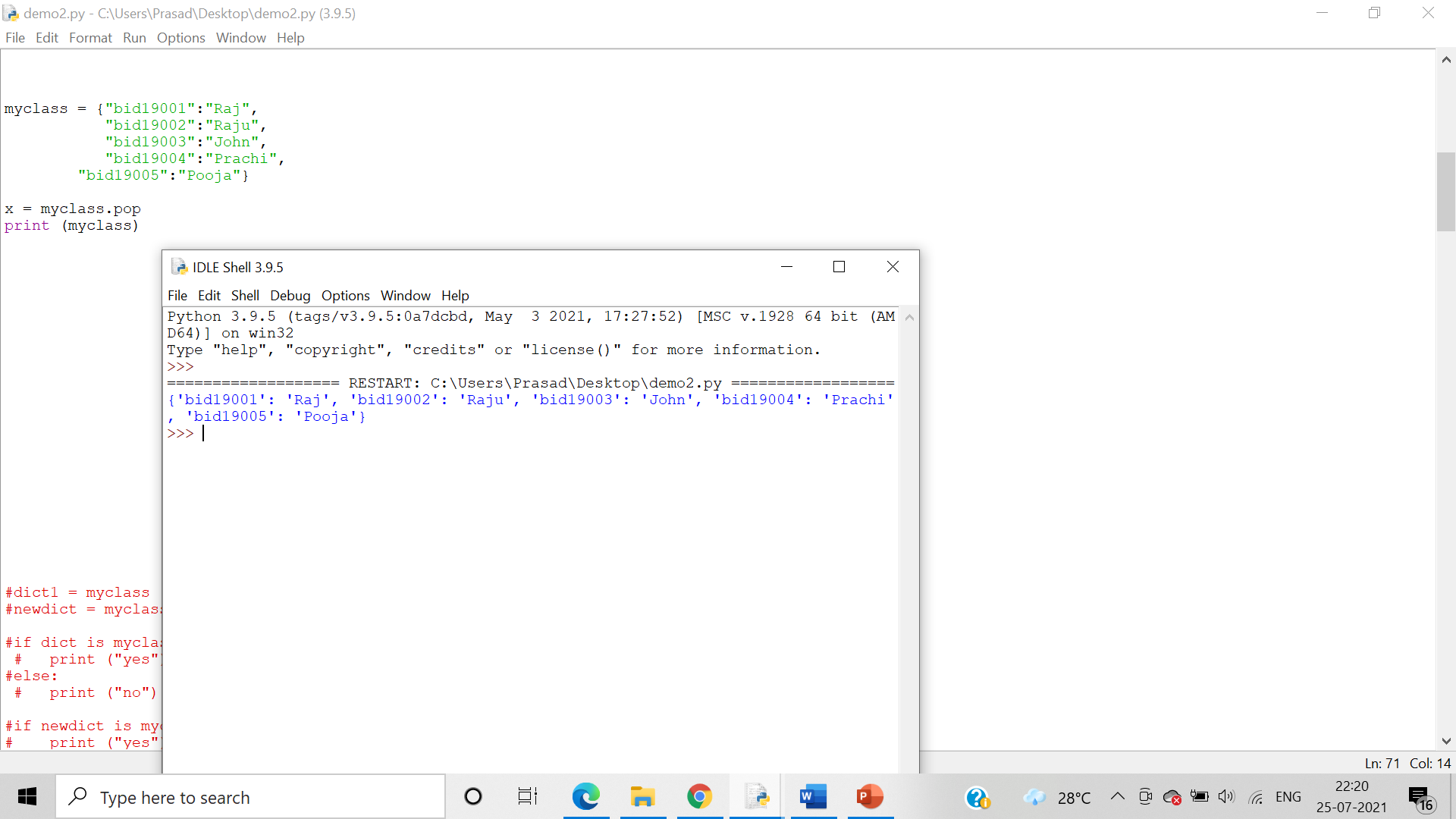
keys()



values()



pop()

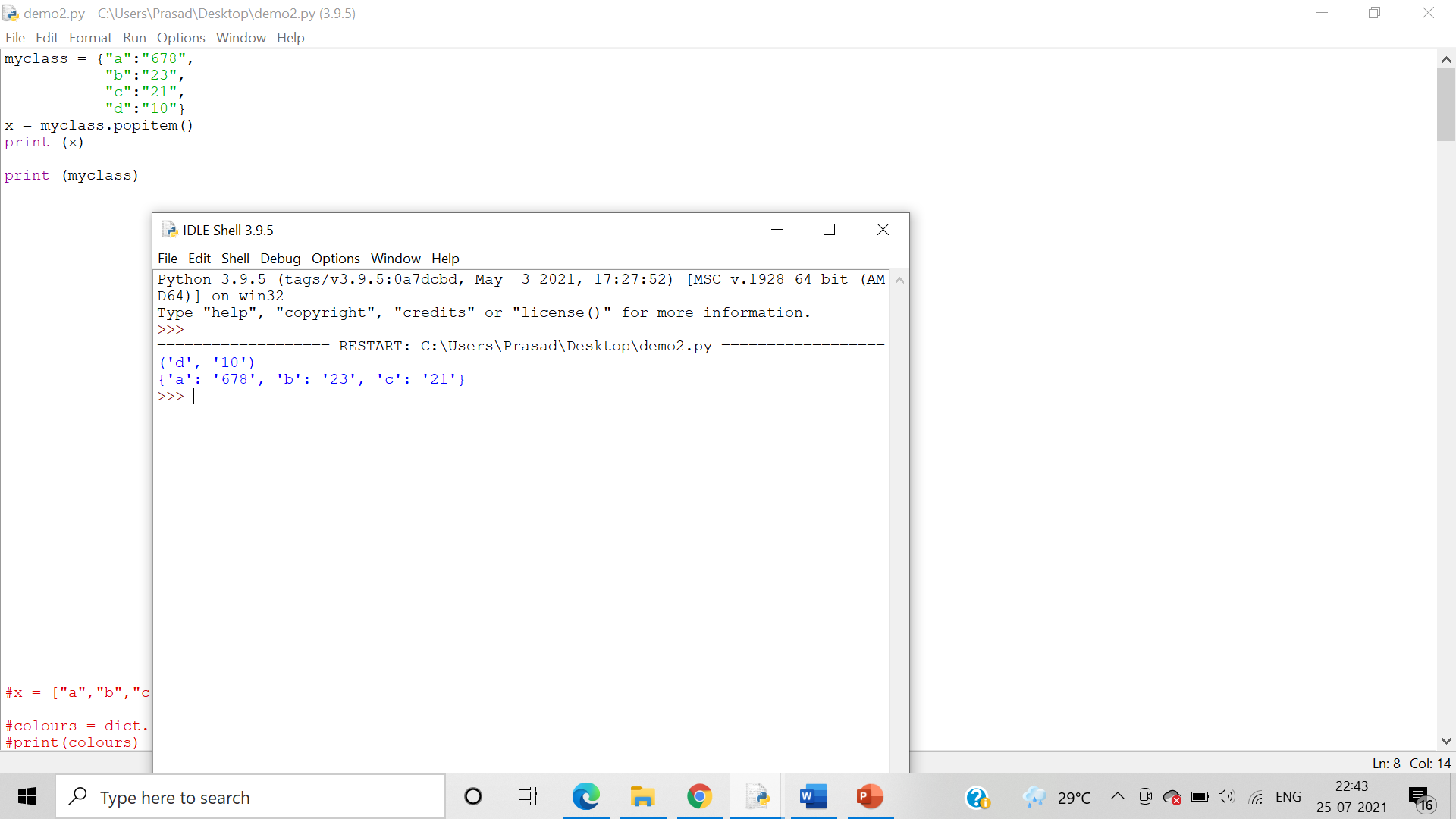




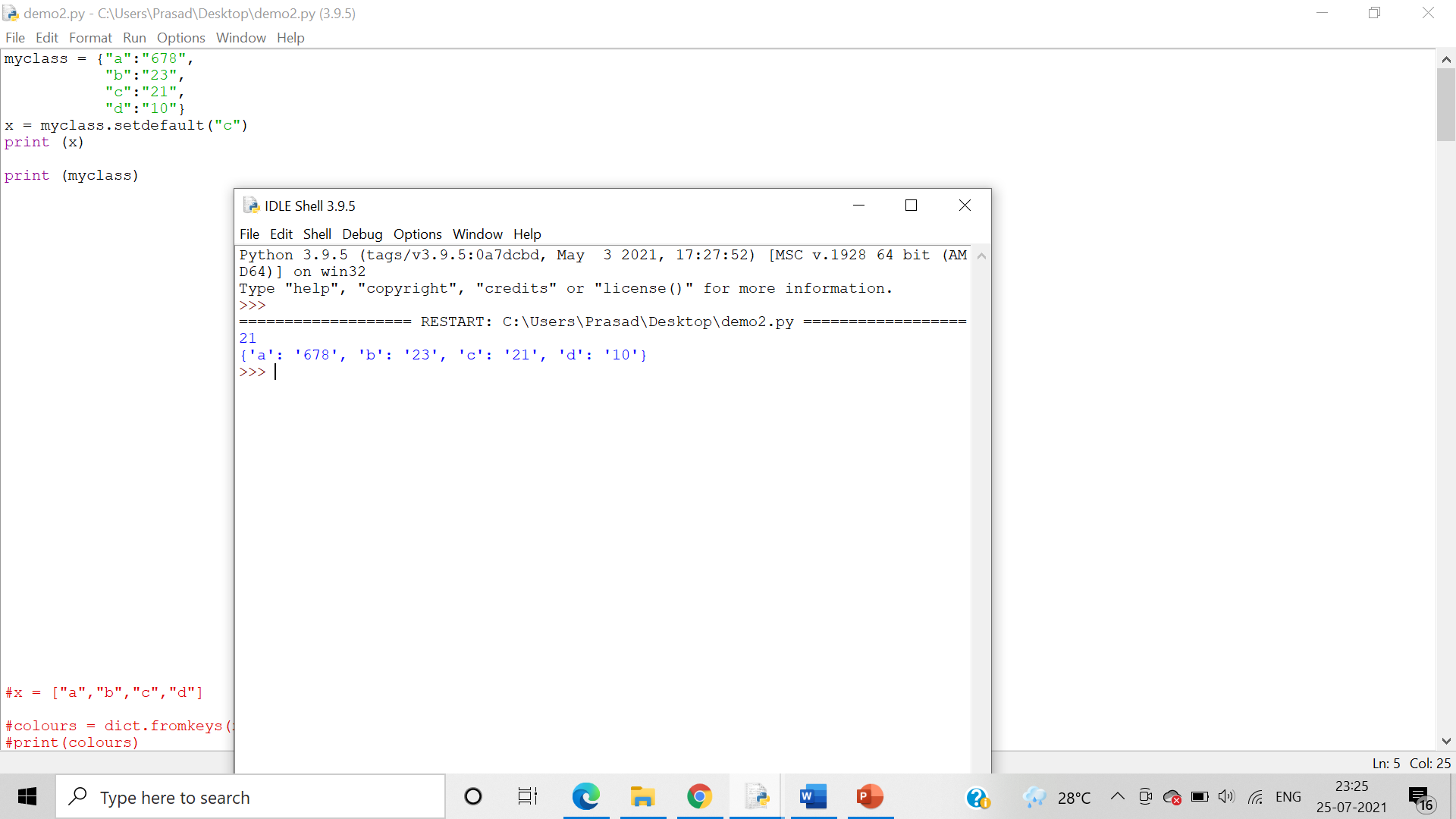


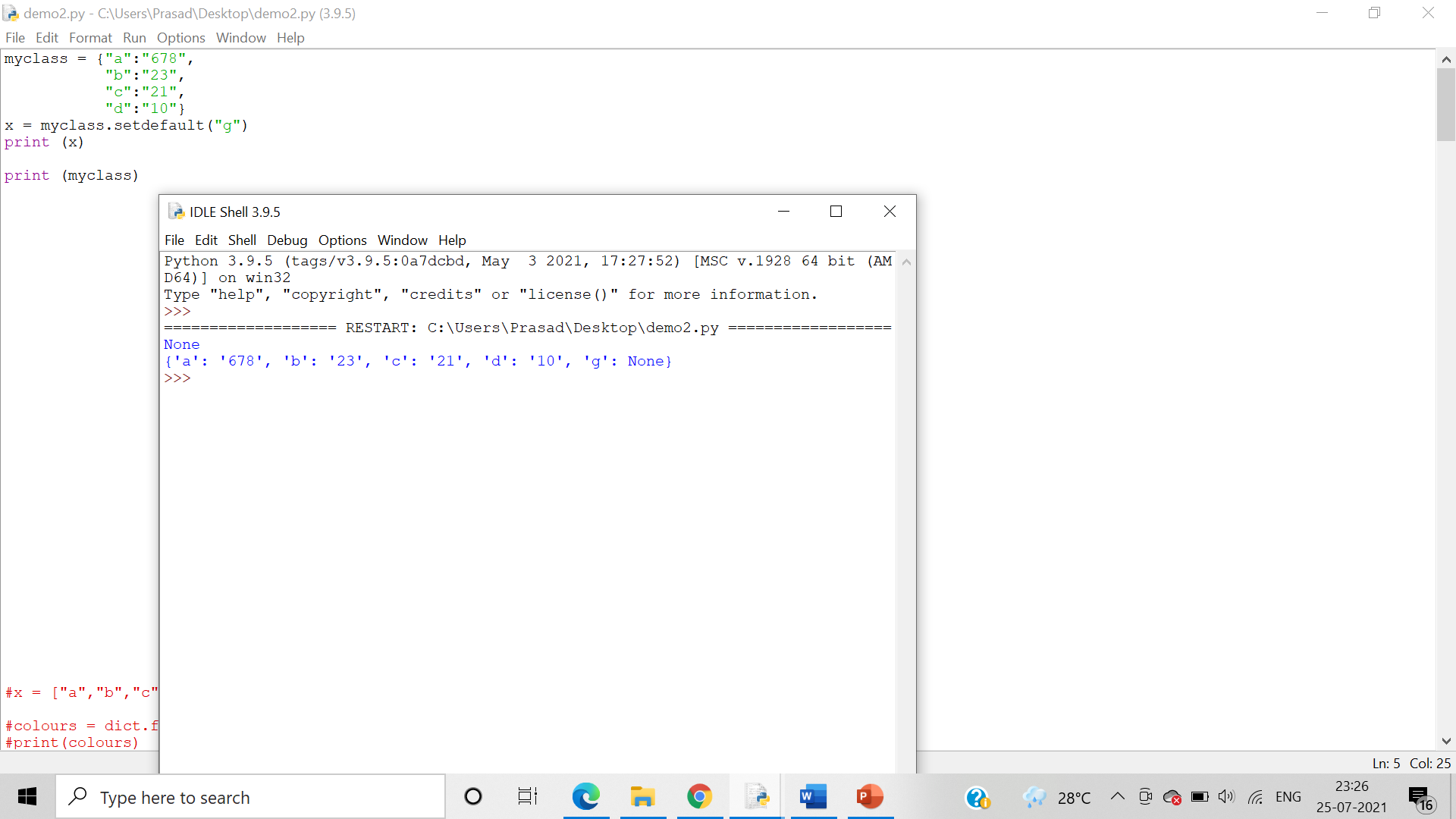


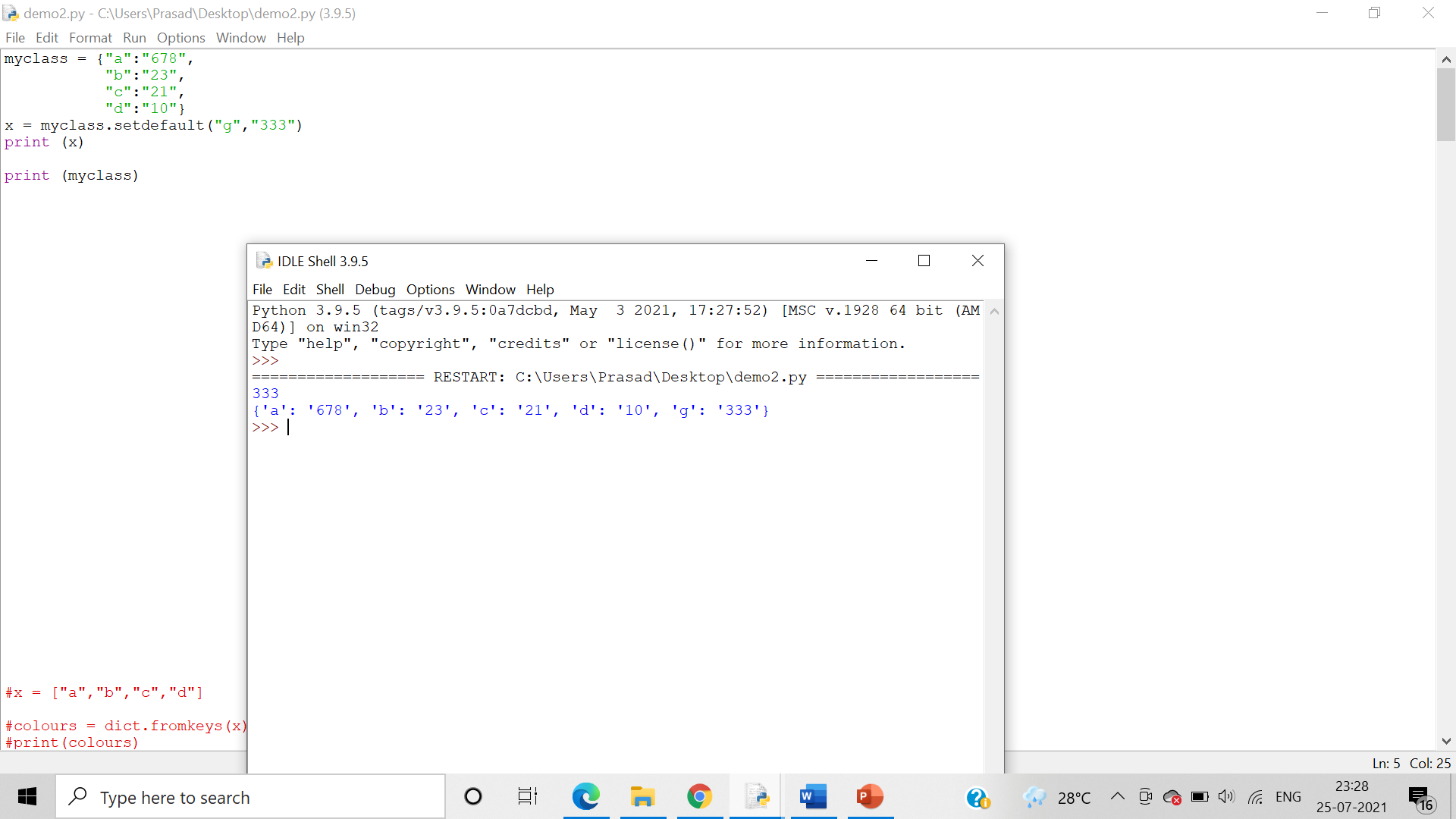
popitems()

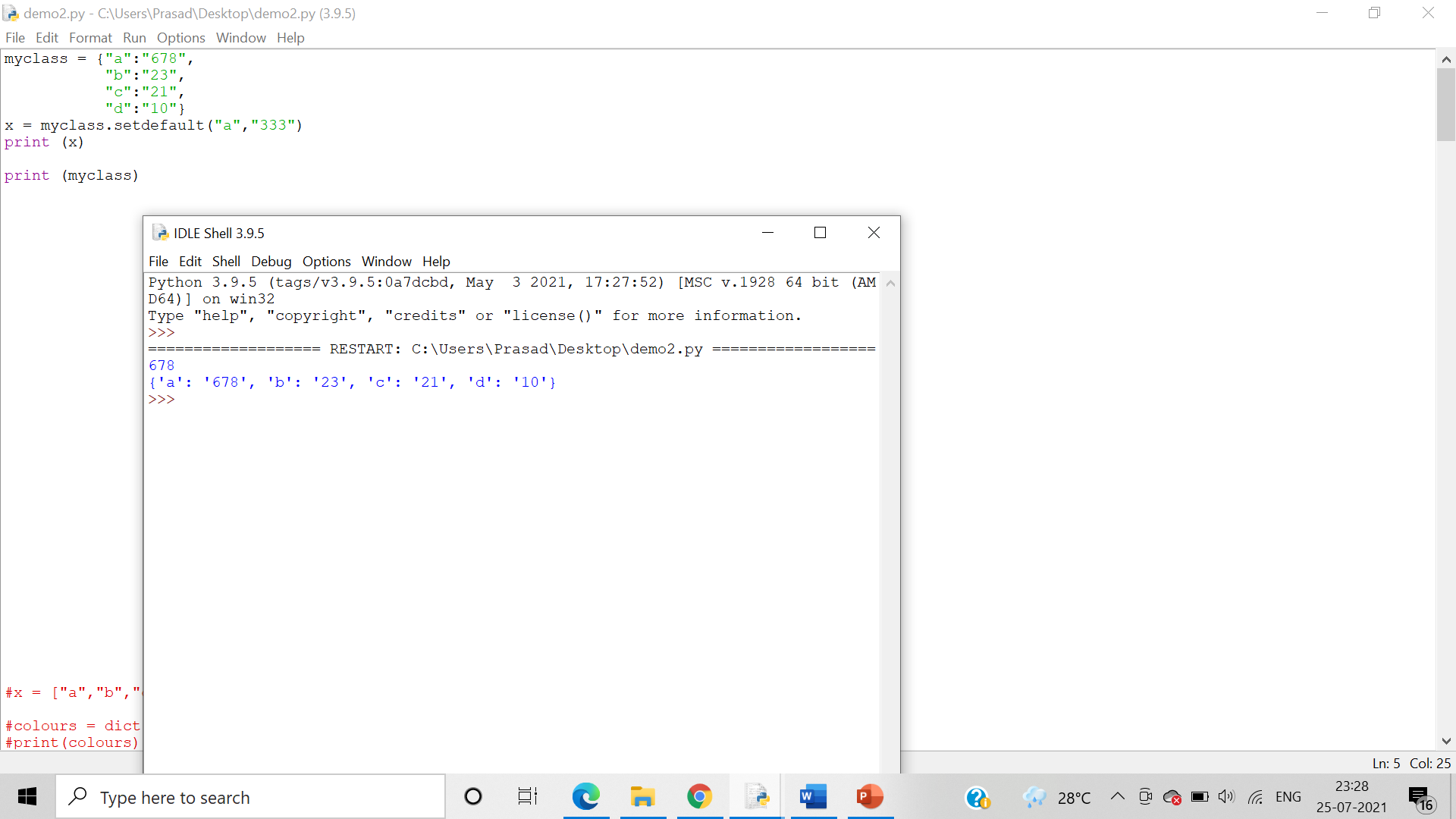


setdefault()

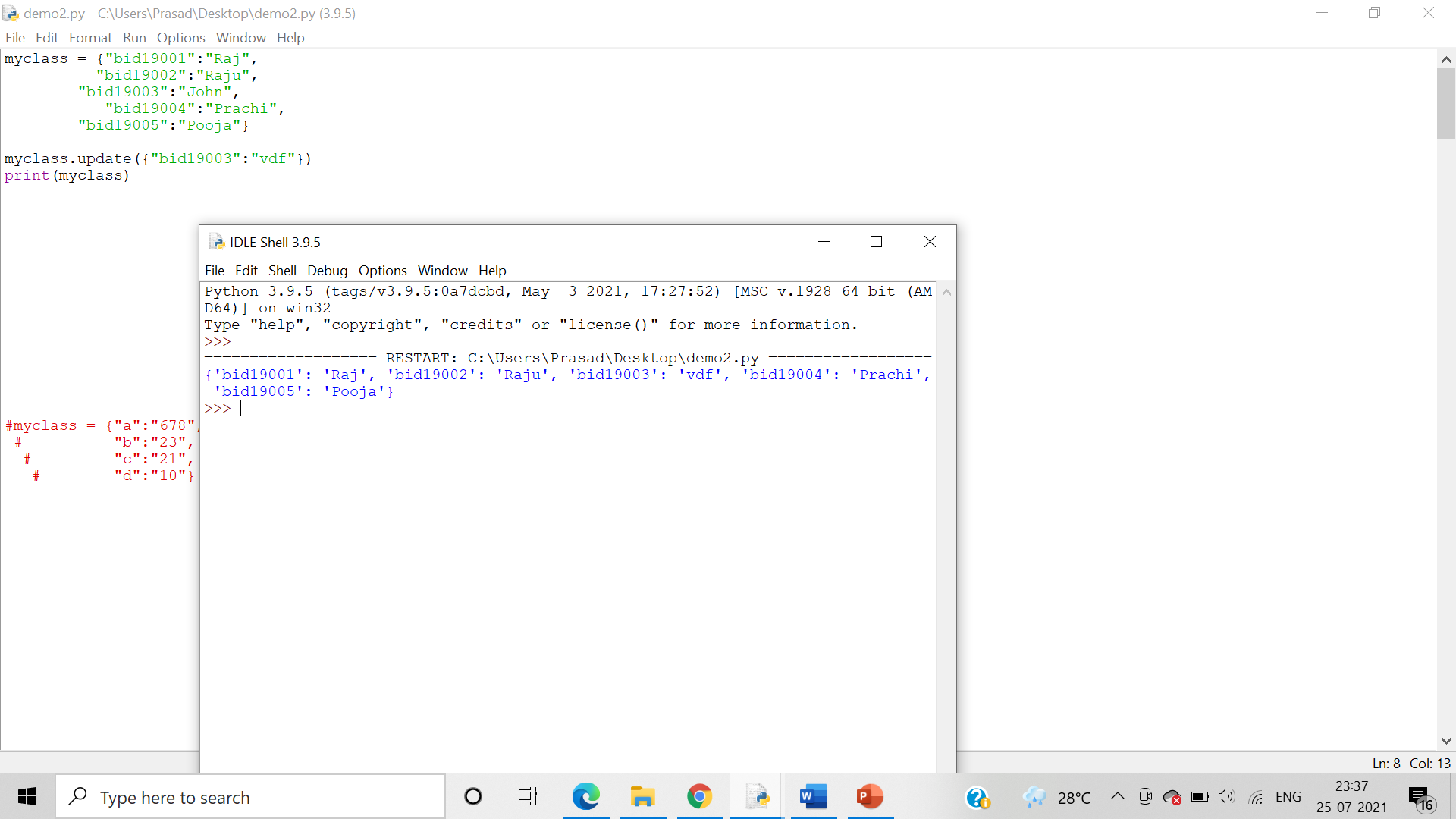


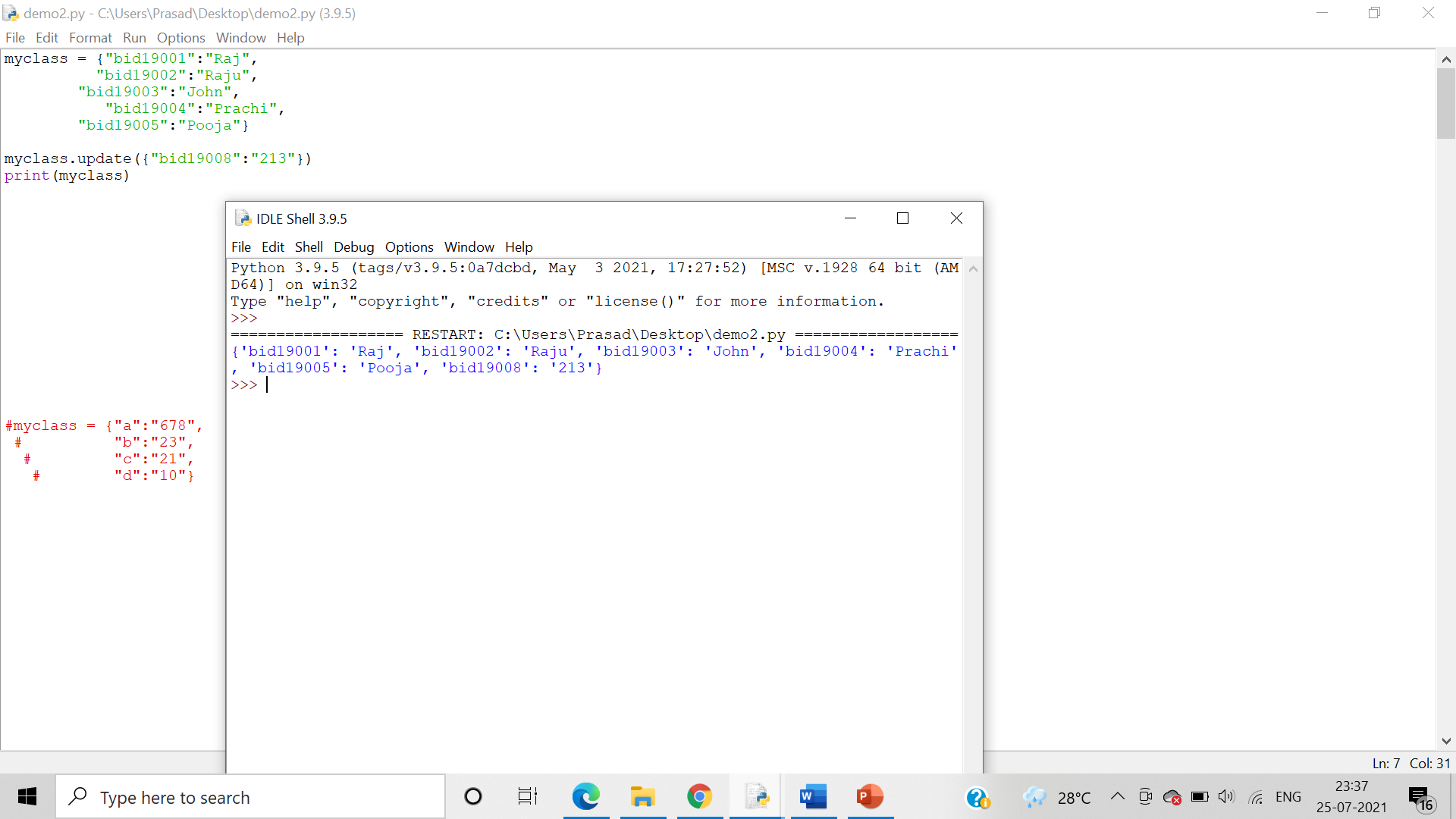






update()





8.     Demonstrate the usage of copy method

