c. dict3.py contains len3(d), add3(k,v), keys3(), values3()

# dict3.py

# Internal dictionary to work with

\_internal\_dict = {}

def len3(d):

"""Return the number of key-value pairs in the given dictionary."""

if isinstance(d, dict):

return len(d)

else:

raise TypeError("len3() argument must be a dictionary")

def add3(k, v):

"""Add a key-value pair to the internal dictionary."""

\_internal\_dict[k] = v

def keys3():

"""Return a list of keys from the internal dictionary."""

return list(\_internal\_dict.keys())

def values3():

"""Return a list of values from the internal dictionary."""

return list(\_internal\_dict.values())

def get\_dict():

"""Return a copy of the current internal dictionary."""

return \_internal\_dict.copy()