1.

>>> def initial():

first = input('What is your firstname?')

last = input('What is your lastname?')

return first[0] + "." + last[0]

>>> initial()

What is your firstname?Ulrich

What is your lastname?Dinh

'U.D'

3.

>>> path = '/Users/mac365.vn/documents/kaikki/python'

>>> fh = open(path + 'table2.txt', 'a')

>>> for x in range(20,30):

y = x\*9/5 +32

fh.write("{0}|{1}\n".format(x,y))

8

8

8

8

8

8

8

8

8

8

>>> fh.close()

>>>

2.

>>> def lottery():

list = []

for i in range(7):

list.append(random.randint(1,41))

return list

>>> lottery

<function lottery at 0x10f6e01e0>

>>> print(lottery())

[8, 2, 28, 40, 30, 23, 22]

>>> print(lottery())

[32, 33, 19, 41, 27, 22, 14]

>>> print(lottery())

[13, 34, 33, 2, 35, 23, 9]

>>> print(lottery())

[22, 15, 16, 25, 3, 21, 36]

>>> print(lottery())

[3, 24, 31, 4, 35, 40, 6]

>>> print(lottery())

[14, 4, 9, 9, 26, 17, 36]

4.

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 26 2018, 23:26:24)

[Clang 6.0 (clang-600.0.57)] on darwin

Type "copyright", "credits" or "license()" for more information.

>>> path = '/Users/mac365.vn/documents/kaikki/python'

>>> fh = open(path+"table3.txt","a")

>>> import time

>>> now = time.strftime("%c")

>>> fh.write(now)

24

>>> fh.write(now)

24

>>> fh.write(now)

24

>>> fh.close()

>>>