**Q1**

Create a function that takes three integer arguments (a, b, c) and returns the amount of

integers which are of equal value.

def count\_equal\_integers(a, b, c):

count = 0

if a == b == c:

count = 3

elif a == b or b == c or a == c:

count = 2

return count

**Q2**

def dict\_to\_tuples(dictionary):

tuples\_list = [(key, value) for key, value in dictionary.items()]

return tuples\_list

**Q3**

def create\_letter\_case\_dictionary():

letter\_case\_dict = {}

for lowercase\_letter in range(ord('a'), ord('z') + 1):

uppercase\_letter = chr(lowercase\_letter).upper()

lowercase\_letter = chr(lowercase\_letter)

letter\_case\_dict[lowercase\_letter] = uppercase\_letter

return letter\_case\_dict

**Q4**

def replace\_vowels(input\_string, replacement\_vowel):

vowels = "AEIOUaeiou"

replaced\_string = ""

for char in input\_string:

if char in vowels:

replaced\_string += replacement\_vowel

else:

replaced\_string += char

return replaced\_string

**Q5**

def process\_string(input\_string):

result\_string = ""

for char in input\_string:

ascii\_code = ord(char)

if ascii\_code % 2 == 0:

result\_string += char.upper()

else:

result\_string += char.lower()

return result\_string