1. a) For the number of results you request it performs the following calculation:

= start\_number + (increase x counter).

b) In this code the \* symbol is used to get the computer to times two variables together

c) Please enter the start number: 3

Please enter the increase you would like: 2

Please enter the number of results you would like: 10

(1, ': ', 3)

(2, ': ', 5)

(3, ': ', 7)

(4, ': ', 9)

(5, ': ', 11)

(6, ': ', 13)

(7, ': ', 15)

(8, ': ', 17)

(9, ': ', 19)

(10, ': ', 21)

Output complete!

1. a) If you enter a negative number for any number other than the final input that’s work through an example:

= start\_number + (increase x counter).

1. With a negative number for the ‘start\_number’

= -2 + (2 x 2).

= 4 -2

= 2

ii. With a negative number for the ‘increase’

= 2 + (-2 x 2)

= 2 -4

= -2

b) if you try to enter a character then you receive this output:

Traceback (most recent call last):

File "/Users/abbey/Library/Containers/com.apple.mail/Data/Library/Mail Downloads/F9B75794-0BB0-45C8-8972-AC8482B2859B/Week 2 Prep.py", line 7, in <module>

start\_number = int(input('Please enter the start number: '))

File "<string>", line 1, in <module>

NameError: name 'a' is not defined