Brodie’s Lab 5:

def find\_min\_value(numbers):

"""This function computes the minimum."""

*# Set initial minimum value to first list element*

min\_value = numbers[0]

*# Go through all numbers, starting at second*

for number in numbers[1:]:

*# For each number check if it is*

*# smaller than the `min\_value`*

if number < min\_value:

*# If it is, store it as new min.*

min\_value = number

*# Outside of the loop the value of `min\_value`*

*# is at the lowest value from the initial list.*

return min\_value

*# Get the minimum from the list (1)*

*# Example 1*

numbers1 = [3, 1, 4, 1, 5, 9, 2, 6, 5, 3, 5]

result1 = find\_min\_value(numbers1)

print(f"The minimum value in numbers1 is: {result1}")

*# Example 2*

numbers2 = [8, 2, 7, 5, 1, 9, 4, 6]

result2 = find\_min\_value(numbers2)

print(f"The minimum value in numbers2 is: {result2}")

*# Example 3*

numbers3 = [10, 20, 30, 40, 50]

result3 = find\_min\_value(numbers3)

print(f"The minimum value in numbers3 is: {result3}")

