**Algorithm Workbench:**

1. smarties = ['Einstein', 'Newton', 'Copernicus', 'Kepler']
2. for name in names:

print(name)

1. for nums in numbers1:

numbers2.append(nums)

1. (\*\*\*insert flowchart here\*\*\*)
2. def listTotal(listNums):

total = 0

for ints in listNums:

total += ints

return total

1. if 'Ruby' in names:

print('Hello Ruby')

else:

print('No Ruby')

1. [40, 50, 60, 10, 20, 30]
2. ROWS = 3

COLS = 5

list2D = [[0,0,0,0,0],

[0,0,0,0,0],

[0,0,0,0,0]]

for r in range(ROWS):

for c in range(COLS):

list2D[r][c] = int(input('Enter numbers:'))

**Programming Exercises:**

1. See attached file Ch7\_1
2. See attached file Ch7\_2
3. See attached file Ch7\_3
4. See attached file Ch7\_4