*# 1.1*

numbers = [4, 8, 15, 16, 23, 42]

print(\*numbers, sep=' ')

*# 1.2*

numbers = [4, 8, 15, 16, 23, 42]

for num in numbers:

print(num)

*# 1.3*

first\_number = int(input("Enter the first number: "))

print(first\_number)

print(first\_number + 1)

print(first\_number + 2)

*# 1.4*

num1 = int(input("Enter the first number: "))

num2 = int(input("Enter the second number: "))

num3 = int(input("Enter the third number: "))

sum = num1 + num2 + num3

print(sum)

*# 1.5*

edge\_length = int(input("Enter the edge length of the cube: "))

volume = edge\_length \*\* 3

surface\_area = 6 \* edge\_length \*\* 2

print("Volume =", volume)

print("Total surface area =", surface\_area)

*# 2.1*

N = int(input("Enter the number of schoolchildren: "))

K = int(input("Enter the number of tangerines: "))

tangerines\_per\_student = K // N *# Integer division for whole tangerines*

remaining\_tangerines = K % N *# Remainder after division*

print(tangerines\_per\_student)

print(remaining\_tangerines)

*# 2.2*

number = int(input("Enter a four-digit number: "))

thousands\_digit = number // 1000

hundreds\_digit = (number % 1000) // 100

tens\_digit = (number % 100) // 10

units\_digit = number % 10

print(f"The digit in the thousands position is {thousands\_digit}")

print(f"The digit in the hundreds position is {hundreds\_digit}")

print(f"The digit in the tens position is {tens\_digit}")

print(f"The digit in the units position is {units\_digit}")

*# 2.3*

universe\_population = int(input("Enter the population of the universe: "))

survivors = universe\_population // 2

if universe\_population % 2 != 0: *# Odd number, Thanos shows mercy*

survivors += 1

print(survivors)