Course: Introduction to Programming Using Python

Module 4. Functions. Part 2

Task 1

Write a function that calculates the sum of elements from a list of integers. The list is passed as a parameter.

Task 2

Write a function to find the maximum in the list of integers. The list is passed as a parameter.

Task 3

Write a function that determines the number of even, odd, positive, negative elements in the list of integers. The list is passed as a parameter.

Task 4

Write a function that flips the contents of the list of integers.

Task 5

Write a function that searches for some number in the list of integers.

Task 6

Write a function that calculates the factorial of each element in the list of integers. The function returns a new list containing the resulting factorials.