
WORK PLAN FOR FUNCTION

_____average_____ (_____list of numbers_____) returns _____number_____
Function name Parameter type Function result type

Description of function objective

Takes a list of numbers as a parameter and returns a number that is the average of the numbers in the list.
Returns 0 if the list of numbers is empty.

Sample parameter-result pairs

_____average_____ (_____[1, 999]_____) returns _____1_____
Function name Sample parameter Function result

_____average_____ (_____[1,2,6]_____) returns _____4.5_____
Function name Sample parameter Function result

_____average_____ (_____[]_____) returns _____0_____
Function name Sample parameter Function result

Processing steps

1. Compute result based upon parameter

Use accumulator to sum the values

Use accumulator to count the values

If the count is 0, the average is 0 else compute the average as the sum divided by the count

2. Return result

return the average
