Exercise 1:

1. Take first number, second number, result, rest, counter =0
2. Remove second number from first number
3. First number = result of subtraction
4. Increment counter by 1
5. If first number is greater than second number, then repeat from step 2
6. If first number is smaller than second number, then result = counter and rest= num1

Result = counter & rest=num1

num1, num2, result, rest, counter = 0

end

false

true

start

Counter = counter + 1

num1 = num1 – num2

Num1<num2?

Num1 >num2?

Exercise 2:

1. Take distance in km
2. Multiply the distance by 1000
3. Display result

Display result

Input distance

end

start

Result = distance \* 1000

Exercise 3:

1. Take five numbers
2. Result = sum of the 5 numbers
3. Average = result divided by 5
4. Display result and average

Display average and result

num1, num2, num3, num4, num5

end

result = num1+num2+num3+num4+num5

start

Average = result/5

Exercise 4:

1. Take number
2. Divide number by 2
3. If the quotient has no rest, then number is even
4. If the quotient has a rest, then number is odd

Number is odd

Number is even

num

no

yes

Quotient has a rest?

end

Quotient = num/2

start

Exercise 5:

1. Take two numbers
2. If first number is greater than second, display first number
3. Else, display second number

Display num1

Display num2

Num1, num2

start

no

yes

Num1>num2?

end