Examples of the Repeat form
Outline (or skeleton)

--- Average many real values
-- many is a given (input) int
Set sum = 0.0 -- real value
Set num = 0   -- int count

Repeat
Output "Enter value "
Input value
Outputln value
Set sum = sum + value -- Inc
Inc num by 1
ExitOn (num == many)
EndRepeat

Output "The mean is "
Outputln sum / IntToReal (num)

--- Factorial of n: increasing
Set fact = 1
Set index = 1

Repeat
ExitOn (index > n)
Set fact = fact * index
Inc index by 1
EndRepeat

Output "Factorial is ">
Outputln fact

--- Factorial of n: decreasing
Set fact = 1
Set index = n

Repeat
ExitOn (index == 1)
Set fact = fact * index
Dec index by 1
EndRepeat

Output "Factorial is ">
Outputln fact

--- Enter proper (positive) input
Set YearNow = 1999

Repeat
Output "Enter your age ">
Input age
Outputln age
ExitOn (age >= 0)
Outputln "Error in age ">
EndRepeat

Output "You were born in ">
Outputln (YearNow - age)

--- Compound Growth Table
Set amount = 1.0
Set rate = 0.09
Set time = 1

Repeat
Set growth = amount * rate
Set amount = amount + growth
Output IntToStr (time) + " "
Outputln amount
Inc time by 1
ExitOn (time == 9)
EndRepeat

--- Average many real values
-- ending with negative terminator
Set sum = 0.0 -- real value
Set num = 0   -- int count

Repeat
Output "Enter value ">
Input value
Outputln value
Set sum = sum + value -- Inc
Inc num by 1
ExitOn (value < 0.0)
EndRepeat

Output "The mean is ">
Outputln sum / IntToReal (num)