

Sub procedures

Sub procedures are the IB's way of referring to functions, in which we define a method with specific operations and logic that can be called back and reused as a part of the code as many times as needed.

They are useful, as they encourage program organisation for the individual programmer, team members, and future maintenance. Most importantly however, it ~~reuse~~ reuses code to increase efficiency of the program, and reduces the time taken to write it.

Example:

factorial (n)

$f = 1$

loop i from 1 to n

$f = f * i$

end loop

return f

end factorial

rectangle (length 1, length 2)

area = Length 1 * Length 2

perimeter = (Length 1 * 2) + (Length 2 * 2)

return area, perimeter

end rectangle