Exercise 4 Functions and subroutines (21.11.2025)

Review

an array?	in commmon?
□ DIMENSION(3) VELO	\Box They have a return value.
☐ DIMENSION POSITION (3), VELO(2) ☐ REAL, DIMENSION(3) :: ACCEL	☐ In F95 they must be always declared as EXTERNAL.
	☐ Their arguments are passed per addresse.
1. Task Recursive function (4 P) Write a short Fortran program that ask for factorial n! with help of a recursive function	an integer number n and then calculates the n , using this scheme:
<pre>this_function (n) when n = 1, return 1 otherwise return n * this_functi</pre>	on(n-1)