The absolut most important exercise:

Modularization with Function modules:

Create a function group for a financial Calculator with the following funtion modules:
Modul 1: Payment each term
Calculate the 'payment each term' for a loan: pmt = (L * i) /((1 - (1 + i)$^{-n}$) where L = amount, i = interest pr. term and n = number of terms.
Modul 2: Calculate present value.
Calculate the present value: PV = FV(1 + i)$^{-n}$ where PV = present value, FV = future value, i = interest pr. term and n = number of terms.
Modul 3: Calculate future value.
Calculate the future value: FV = PV(1 + i)^{n} where PV = present value, FV = future value, i = interest pr. term and n = number of terms.

Executable program:

Create an executable where you

- Read values from the screen (parameters)
- Exporting data to the function module
- Importing the data from the function module
- Write the result of the calculation to the screen

Modularization with subroutine

In this exercise you have to write a program with subroutines.

You should create an intern table:

- Use a subroutine to populate the internal table.
- Use a subroutine to calculate the age.
- Use a subroutine to print the result to the screen.

Internal table:

In this exercise, you have to make an internal table with the following structure:

Name	Sex	Birthday	Age
Peter	M	10-10-1988	
Trine	F	20-08-1993	
Soren	M	17-12-1924	

First you have to declare an internal table, and then populate the tabel, and at last sort and write it to the screen.

Modify:

In this exercise you have to copy z_opg_1 to z_opg_2, and then calculate the age in the internal table.

Modularization with Function modules

In this exercise you have to write a program with function modules (z_opg_4.

You should create an intern table, but now you should used:

- Use a function module to populate the internal table.
- Use a function module to calculate the age.
- Use a function module to print the result to the screen.

Financial calculator

In this exercise you have to make a financial calculator.

1. create a function group (z_fincalc) and two function modules:
    a. (z_pmt) where you calculate a payment

Modularization with include programs

In this exercise you have to write a program with source code modularization (z_opg_5).

You should create an intern table like the intern table in exercise 4.1, but now you should used:

- Use a include program to populate the internal table.
- Use a include program to calculate the age.
- Use a include program to print the result to the screen.

https://www.guru99.com/abap-tutorial.html

https://www.tutorialspoint.com/sap/sap_programming_language.htm