Earlier exercises were provided with guidelines, the number of which decreased gradually. They were aimed at familiarizing with the environment and acquiring basic skills in "learning system elements".

The next two exercises are typically task-oriented.
As part of them you should:
- review the documentation for the area concerned,
- set a scenario to show how the mechanisms work,
- implement the abovementioned scenario documenting the next steps
- prepare a report

The report should include:
- the theoretical part - describing the issue in an exhaustive, transparent, concise way.
- the practical part - a description of the implementation of the scenario, illustrated with screenshots of sensitive steps.

Reports only in electronic form.

Task 4a.

The task concerns permissions in the system.

This task should be performed in a 2-person group. This is a difficulty, but given the resources available, the task is doable.

The theoretical part should include:
- what are the possible ways of assigning rights and their propagation ("Exact", "authorization list", "user class" + "special authorithies", "primary group" ...)
- predefined user classes - permissions (* USER, * PGMR, * SYSOPR ...)
- eligibility (* USE, * CHANGE ..., * EXCLUDE) - what they allow, what is hidden under them
- what is "adopted authority" and how does it work
- hierarchy: which are more important
- * PUBLIC – what is his?
- ownership and acquisition

Practical part (minimum necessary):
1. Create an object (e.g. library, Source Physical File in the library)
2. Give direct permission, show how it works
3. Create an authorization list
4. Associate the list from point 3 with the object (1)
5. Grant permissions through the authorization list, show operation.

Make a report.

Task 4b.

Journaling.

The theoretical part should describe the journal mechanism in the system.
- how it works,
- what objects are necessary, rules,
- what can we note (be journaled)
- which changes are reversible automatically (by command) and which only "for information"

In the practical part you should:
- create a journal object
- create a journal receiver type object
- configure protection of the selected object.
- make several changes in the protected object.
- show that changes have been saved in the journal (pay attention to filtering entries)
- reverse selected changes (note how the reverse mechanism works)
(here you should read the commands and their descriptions carefully, APYJRNCHG is not used to reverse changes - this is often a problem for students)

"Good advice": good choice for a protected object is Source Physical File - changes / reversals in a (de facto) text file are easy to presenting.

Make a report.