**Lock objects and ABAB editor (25-10-2021)**

Lock object is used to access the same data by more than one program.

Transaction code for **SM12.**

Only read cannot write any data.

ENQUEUE----request lock for objects.

DEQUEUE----release lock on objects.

**ABAP EDITOR: SE38**

It is a tool for writing, editing, programs, like class methods, function modules.

**In ABAP EDITOR:**

* Source code
* Variant's navigator
* Attributes

There are 2 mandatory fields that are required while writing an ABAP program.

1. Title----the purpose of the program or description.
2. Type of program

Compilation---executing the program of once.

Executable program---generates the output.

Type ----executable program.

Status----what type of program we are writing like SAP standard production program.

Application ----which type of application we are using.

Authorization group------whether we create or not.

Logical database-----defines logical database.

Selection screen----select the screen.

Check box:

Editor lock

Fixed point arithmetic

Unicode checks active

Start using variant

There are 3 types of ABAP editor

1. ABAP new editor
2. ABAP old editor
3. Back-end-editor

**Rules for writing an ABAP program:**

* If a\*is placed as the first alphabet in the program then it is a comment.
* Comments are non-executable statements.
* Can also be placed at the end of the end of the statement by placing them in”.
* Every single line statement of an ABAP program should end with a period or dot operator.
* All the keywords will be blue in color.
* If there are multiple lines in the program, then the first line will end with a comma and the last line will end with a period or dot operator.
* Consists of –keywords---report, append.
* \*ABAP---write is the keyword that prints the text in the output.