ABAP Academy Final Project
Specification

Bubble Sort Mechanism in ABAP

Create a program which sorts string, containing numbers. Use bubble sort as a sorting mechanism.

String requirements

- String must be in the following format: "`'5,16, 3 ,29 ,4'`". String can contain spaces before and after number
- Numbers in string are separated with separator any specified separator. E.g.: comma, semicolon, etc.
- Your customer wants to change string and separator on one place at your code
- Program must be prepared to be able to sort string, which contains 3 to maximum 10 numbers in the format mentioned above.
- Create string as a constant in your program. This way, it can be easily changed later, if needed.
- String will not contain negative numbers or zero.
- String will contain only integer numbers

Bubble sort mechanism

Search for bubble sort mechanism by yourself. Here is one of very good resources, where you can find all the major sort mechanisms, compared on one place:

https://www.toptal.com/developers/sorting-algorithms/

Program Requirements

Use your current knowledge from the training:

- Use correct naming conventions
- Write your code in readable way (using comments and proper indentation), as you would write it for customer who plans to maintain your program by himself later in future

Since you don't know anything about dynamic assignment of variables, create 10 different variables, which will hold numbers. I will teach you later, how to solve this.

You may come to the state, when you will need to find new functionality. Use my tips from lecture "How to Solve ABAP Issues" to find what you need.

Output

Output should contain original and sorted string.