

Homework Lesson 4

TODO

- ◆ Learn all the ABAP statements from the ABAPHELP. Use workbook or any other source like "Developing Sap's R/3 Applications With ABAP/4" book
 - Goal is to learn ABAP/4 syntax
- ◆ Create function group ZXXX_FGHW4 (XXX to be replaced with your namespace!!!) with 3 function modules doing the following:
 - FM1: select all entries from your main table and return as an internal table
 - FM2: select text by key and language (single entry via select single)
 - FM3: select customer/vendor name by his ID (select single from tables KNA1 or LFA1)
- ◆ Create your own program (report) ZXXX_HW4 (XXX to be replaced with your namespace!!!) which should:
 - Have one include
 - Include above should have a FORM which selects data into the internal table with your structure with calling FMs above (no direct selects, only usage of FM1/FM2/FM3)
 - Form should be called from your report and return all the data including text and vendor/customer name
 - Then report should write in the list (with statement WRITE) the following information from your internal table:
 - Header – day + time of program execution (check SY- fields)
 - Body -- All information from your main table + description from text table + name of the customer/vendor
 - Different fields are separated by " | "
 - Each table entry should be displayed on new line
 - Assign t/a code ZXXX_THW4 to your program.
- ◆ As a result, after completion of this homework, each of you should have 2 personal transactions:
 - ZXXX_HW3: Starts table maintenance dialogue – previous homework
 - ZXXX_HW4: Starts your program which displays all the data from your data model, including vendor/customer name and ID.



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Naming conventions in ABAP code (example)

- ◆ Global/Local/Member – G[*]_... / L[*]_.../ M[*]_...
- ◆ Types - [G/L/M]TY_...
- ◆ Variables - [G/L/M]V_...
- ◆ Structures - [G/L/M]S_...
- ◆ Internal Tables - [G/L/M]T_...
- ◆ Constants - [G/L/M]C_...
- ◆ Objects - [G/L/M]O_...
- ◆ Field Symbols - <[G/L/M][V/S/T/...]>_...
- ◆ Parameters - [Exporting/Importing/Etc][V/S/T/...]_...
- ◆ ...

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TO READ

◆ Related SAP HELP (<http://help.sap.com/>) links:

- [ABAP Editor](#)
- [ABAP Programming \(BC-ABA\)](#)
- [Maintaining Transactions](#)

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