

SAP ABAP LEARNING REPORT

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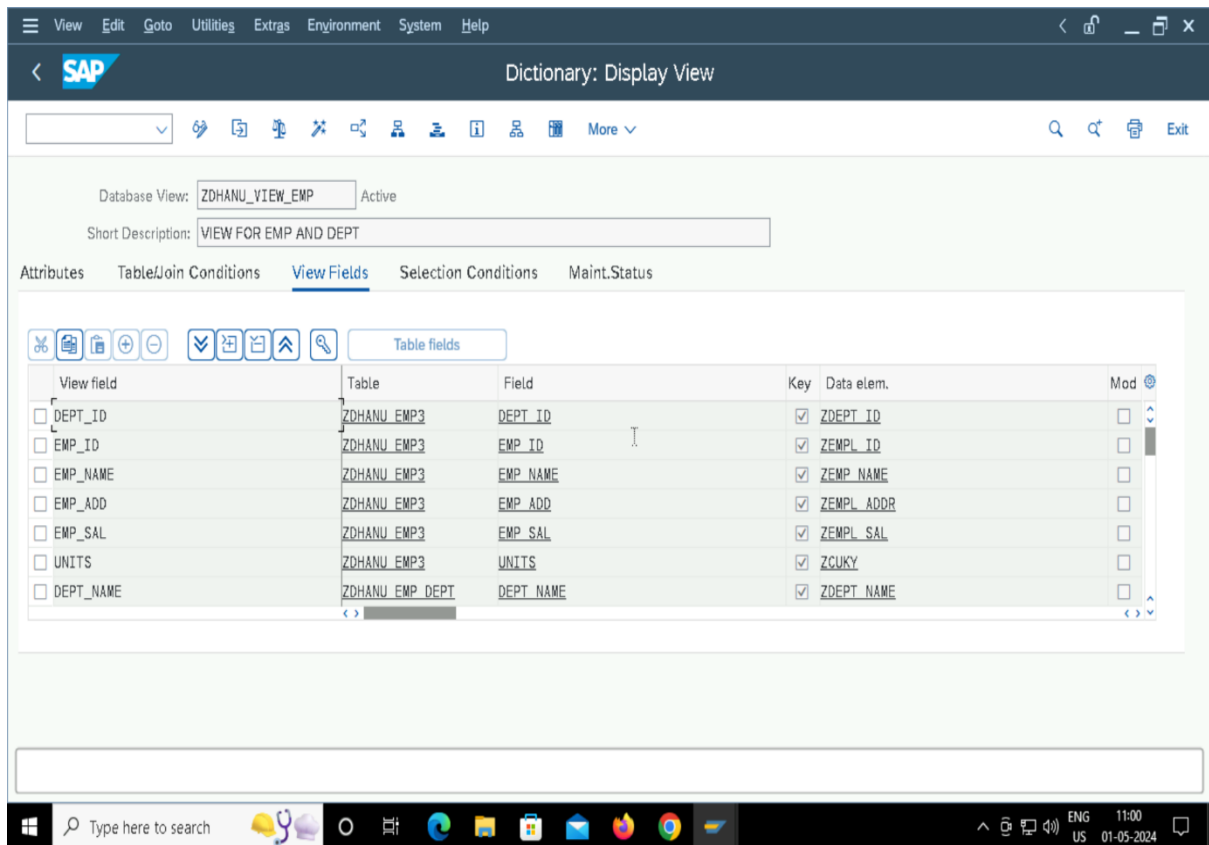
TOPICS LEARNED LAST WEEK [UPTO 30/04/2024]:

1. SAP and ABAP definitions.
2. Client – server architecture.
3. ERP definition, ERP process, ERP products and reasons to migrate with ERP.
4. Work processes (just overview).
5. Taking inputs from users.
6. Standard tables.
7. Master and transaction tables.
8. Debugging.
9. ABAP dictionary (SE11) and Buffers.
10. Types of tables.
11. Creating databases and inserting records manually.
12. Creating TMG's on table.
13. Structures.
14. Views.
15. Search helps.
16. Joins.
17. Writing programs to display table data, joins, etc...,
18. Modularization technics.
19. Include.
20. Sub-routines.
21. Function modules.
22. Classic reports.
23. Events.
24. Formatting.

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Following screenshots are my practices which may not be in above order.

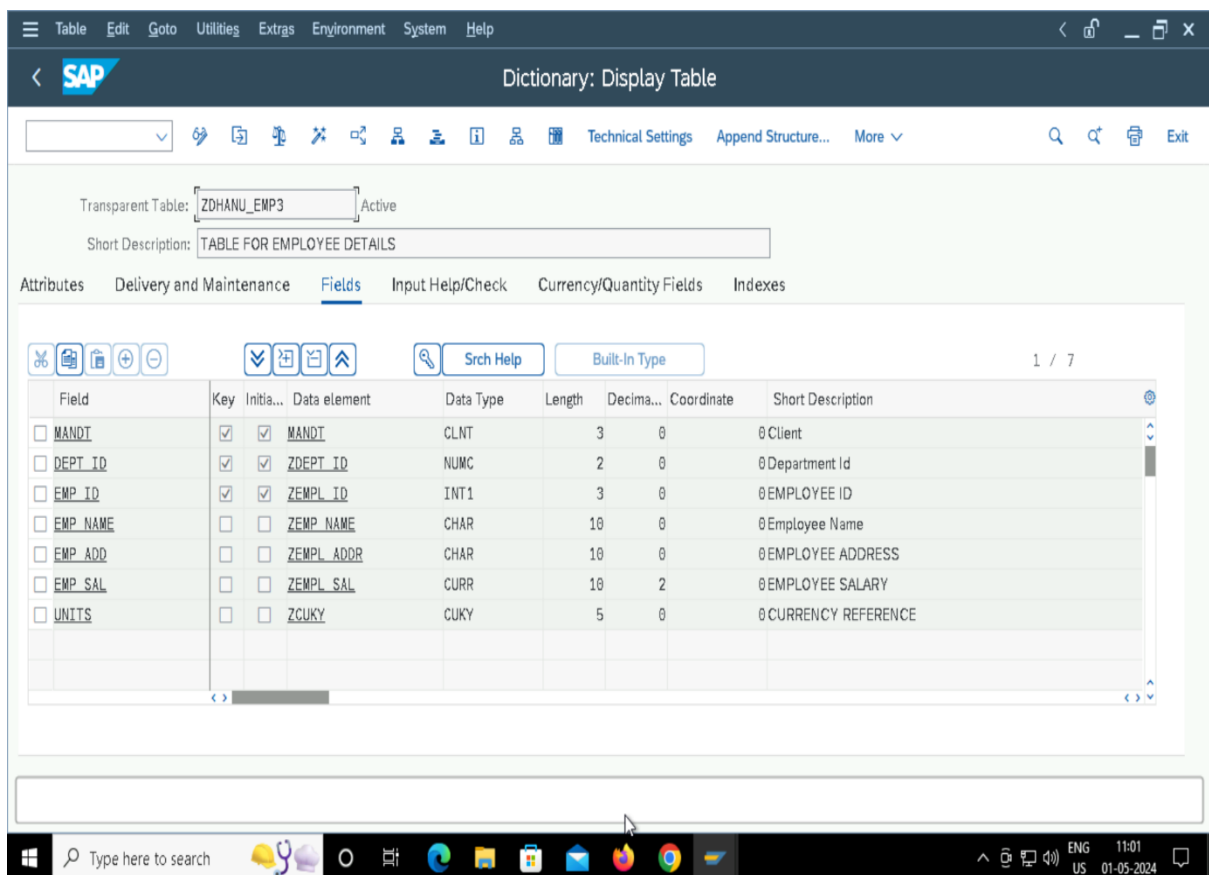
CREATING DATABASE VIEW :



The screenshot shows the SAP Dictionary: Display View for the database view ZDHANU_VIEW_EMP. The view is active and has a short description of "VIEW FOR EMP AND DEPT". The "View Fields" tab is selected, showing a list of fields from the ZDHANU_EMP3 table and the ZDHANU_EMP_DEPT table. The fields are: DEPT_ID, EMP_ID, EMP_NAME, EMP_ADD, EMP_SAL, UNITS, and DEPT_NAME. Each field is mapped to a data element (ZDEPT_ID, ZEMPL_ID, ZEMP_NAME, ZEMPL_ADDR, ZEMPL SAL, ZCUKY, ZDEPT NAME) and has a checkbox for "Key".

View field	Table	Field	Key	Data elem.	Mod
<input type="checkbox"/> DEPT_ID	ZDHANU_EMP3	DEPT_ID	<input checked="" type="checkbox"/>	ZDEPT_ID	<input type="checkbox"/>
<input type="checkbox"/> EMP_ID	ZDHANU_EMP3	EMP_ID	<input checked="" type="checkbox"/>	ZEMPL_ID	<input type="checkbox"/>
<input type="checkbox"/> EMP_NAME	ZDHANU_EMP3	EMP_NAME	<input checked="" type="checkbox"/>	ZEMP_NAME	<input type="checkbox"/>
<input type="checkbox"/> EMP_ADD	ZDHANU_EMP3	EMP_ADD	<input checked="" type="checkbox"/>	ZEMPL_ADDR	<input type="checkbox"/>
<input type="checkbox"/> EMP_SAL	ZDHANU_EMP3	EMP_SAL	<input checked="" type="checkbox"/>	ZEMPL SAL	<input type="checkbox"/>
<input type="checkbox"/> UNITS	ZDHANU_EMP3	UNITS	<input checked="" type="checkbox"/>	ZCUKY	<input type="checkbox"/>
<input type="checkbox"/> DEPT_NAME	ZDHANU_EMP_DEPT	DEPT_NAME	<input checked="" type="checkbox"/>	ZDEPT NAME	<input type="checkbox"/>

CREATING TABLE:



The screenshot shows the SAP Dictionary: Display Table for the transparent table ZDHANU_EMP3. The table is active and has a short description of "TABLE FOR EMPLOYEE DETAILS". The "Fields" tab is selected, showing a list of fields with their data types, lengths, and descriptions. The fields are: MANDT, DEPT_ID, EMP_ID, EMP_NAME, EMP_ADD, EMP_SAL, and UNITS. Each field is mapped to a data element (MANDT, ZDEPT_ID, ZEMPL_ID, ZEMP_NAME, ZEMPL_ADDR, ZEMPL SAL, ZCUKY) and has a checkbox for "Key".

Field	Key	Initia...	Data element	Data Type	Length	Decima...	Coordinate	Short Description
<input type="checkbox"/> MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MANDT	CLNT	3	0	0	Client
<input type="checkbox"/> DEPT_ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ZDEPT_ID	NUMC	2	0	0	Department Id
<input type="checkbox"/> EMP_ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ZEMPL_ID	INT1	3	0	0	EMPLOYEE ID
<input type="checkbox"/> EMP_NAME	<input type="checkbox"/>	<input type="checkbox"/>	ZEMP_NAME	CHAR	10	0	0	Employee Name
<input type="checkbox"/> EMP_ADD	<input type="checkbox"/>	<input type="checkbox"/>	ZEMPL_ADDR	CHAR	10	0	0	EMPLOYEE ADDRESS
<input type="checkbox"/> EMP_SAL	<input type="checkbox"/>	<input type="checkbox"/>	ZEMPL SAL	CURR	10	2	0	EMPLOYEE SALARY
<input type="checkbox"/> UNITS	<input type="checkbox"/>	<input type="checkbox"/>	ZCUKY	CUKY	5	0	0	CURRENCY REFERENCE

TABLE RECORDS:

SAP Data Browser: Table ZDHANU_EMP3 Select Entries 6

Table: ZDHANU_EMP3
Displayed Fields: 7 of 7 Fixed Columns: 3 List Width: 8256

	MANDT	DEPT_ID	EMP_ID	EMP_NAME	EMP_ADD	EMP_SAL	UNITS
<input type="checkbox"/>	100	01	1	DHANUSH	BCM	30,000.00	RUPEE
<input type="checkbox"/>	100	01	4	RISHAB	DELHI	30,000.00	RUPEE
<input type="checkbox"/>	100	02	2	VIRAT KOHL	DELHI	10000,000.00	RUPEE
<input type="checkbox"/>	100	02	5	RAJAT	DELHI	10,000.00	RUPEE
<input type="checkbox"/>	100	03	3	ROHIT SHAR	MUMBAI	100,000.00	RUPEE
<input type="checkbox"/>	100	03	6	JADEJA	MUMBAI	100,000.00	RUPEE

Continue

CREATING SEARCH HELP:

SAP Dictionary: Display Search Help

Elementary Help: ZDHANU_VIEW_HELP Active
Short description: SEARCH HELP FOR EMP AND DEPT

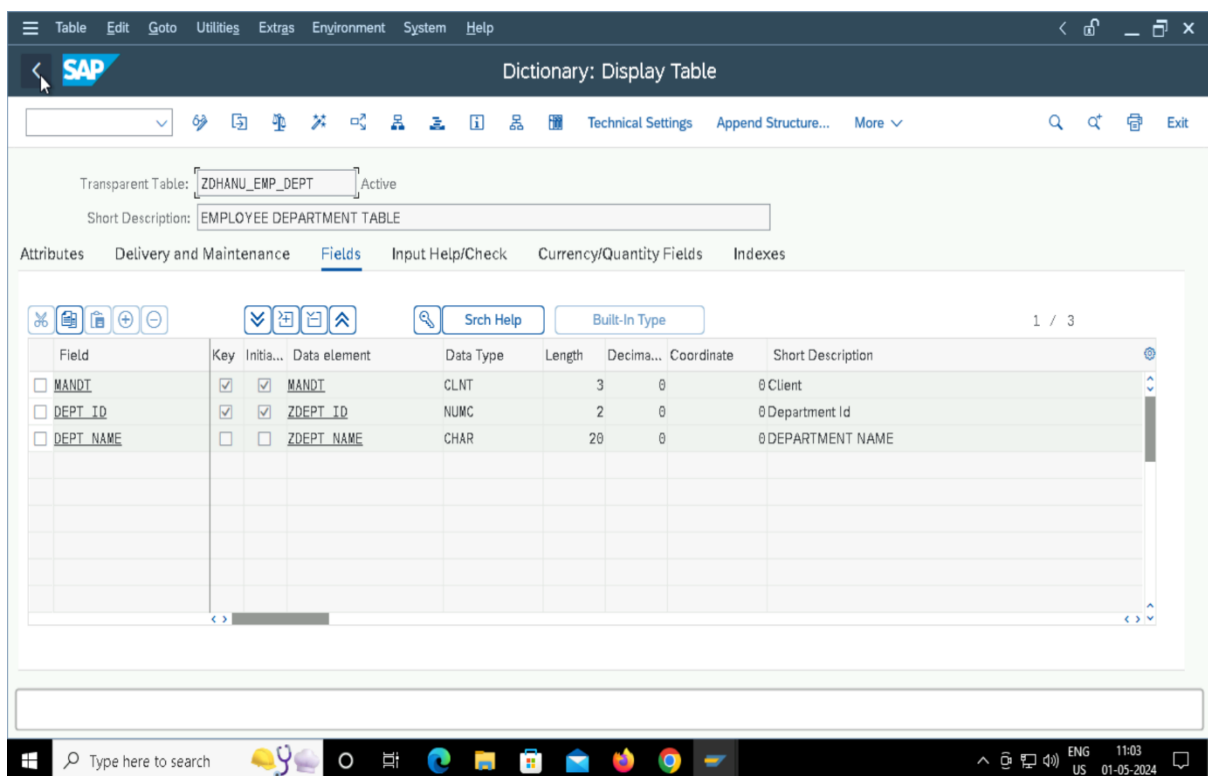
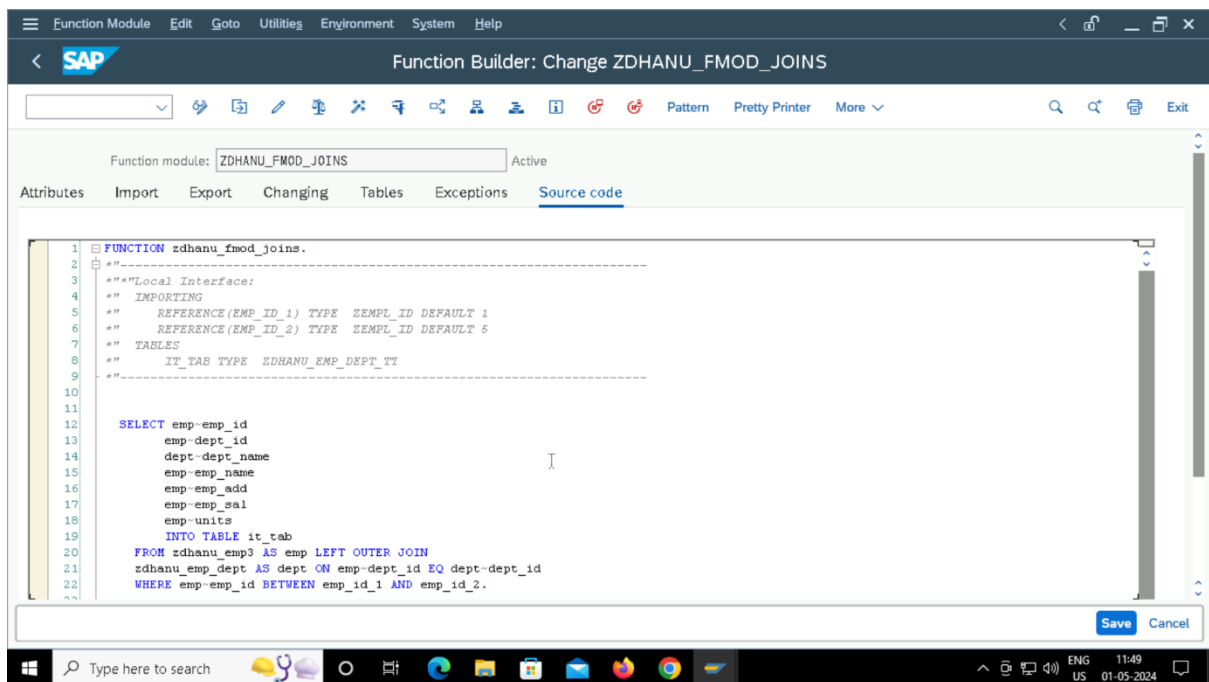
Attributes Definition

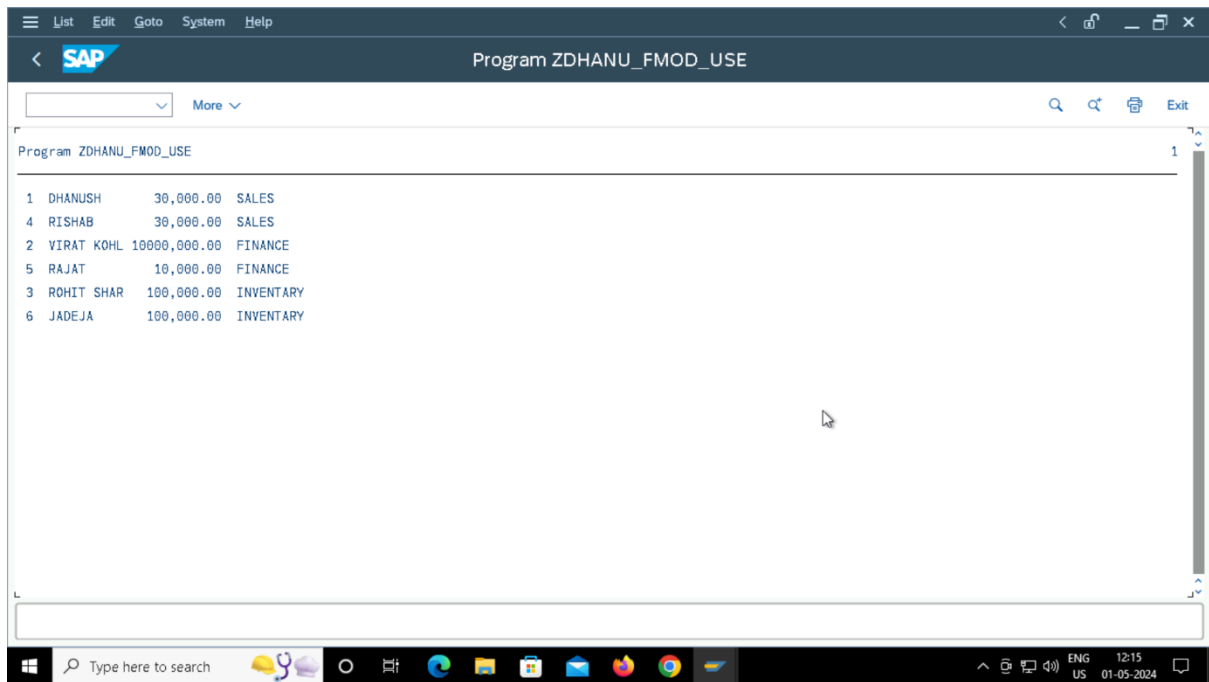
Search help exit:

Parameter

Search help parameter	IMP	EXP	LPos	SPos	SDis	Data element	M...	Default value
<input type="checkbox"/> DEPT_ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1	1	<input type="checkbox"/>	ZDEPT_ID	<input type="checkbox"/>	
<input type="checkbox"/> EMP_ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	2	<input type="checkbox"/>	ZEMPL_ID	<input type="checkbox"/>	
<input type="checkbox"/> EMP_NAME	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3	3	<input type="checkbox"/>	ZEMP_NAME	<input type="checkbox"/>	

CREATING FUNCTION MODULE:





CALLING FUNCTION MODULE IN PROGRAM:

