1. Employee Master Management System

- **Concepts Covered**: DDIC, TMG, Classical/ALV Report
- **Features**:
  - Custom table for employees (Emp ID, Name, Dept, Salary, DOJ)
  - TMG enabled
  - Classical report to display list of employees
  - Add filtering (e.g., department-wise)

Create Package

GO TO ->T.CODE-> SE80 -> Object Navigator Screen- > Chose Dropdown list - > Package - > Package Name - > ZEMP_MASTER

Traction Request - A4HK905778

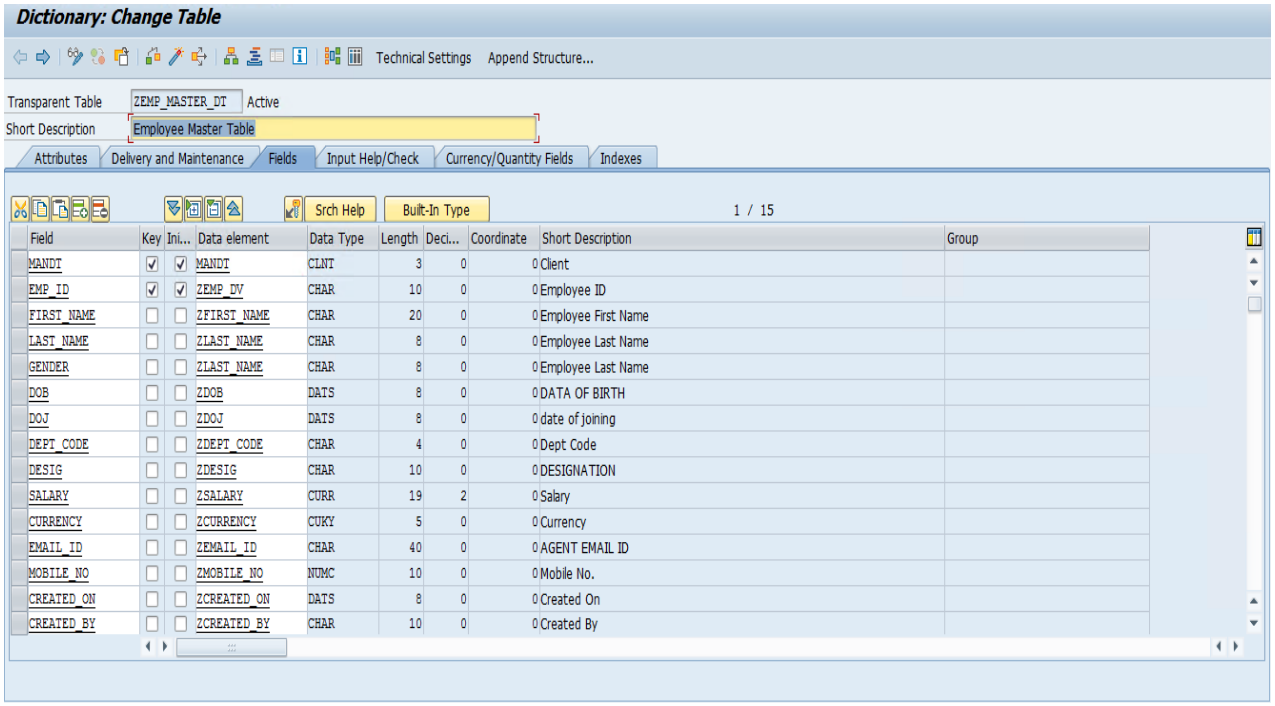
DATABASE TABLE CREATE

Go TO -> T.CODE -> SE11 ->Dictionary Change Table Screen- >

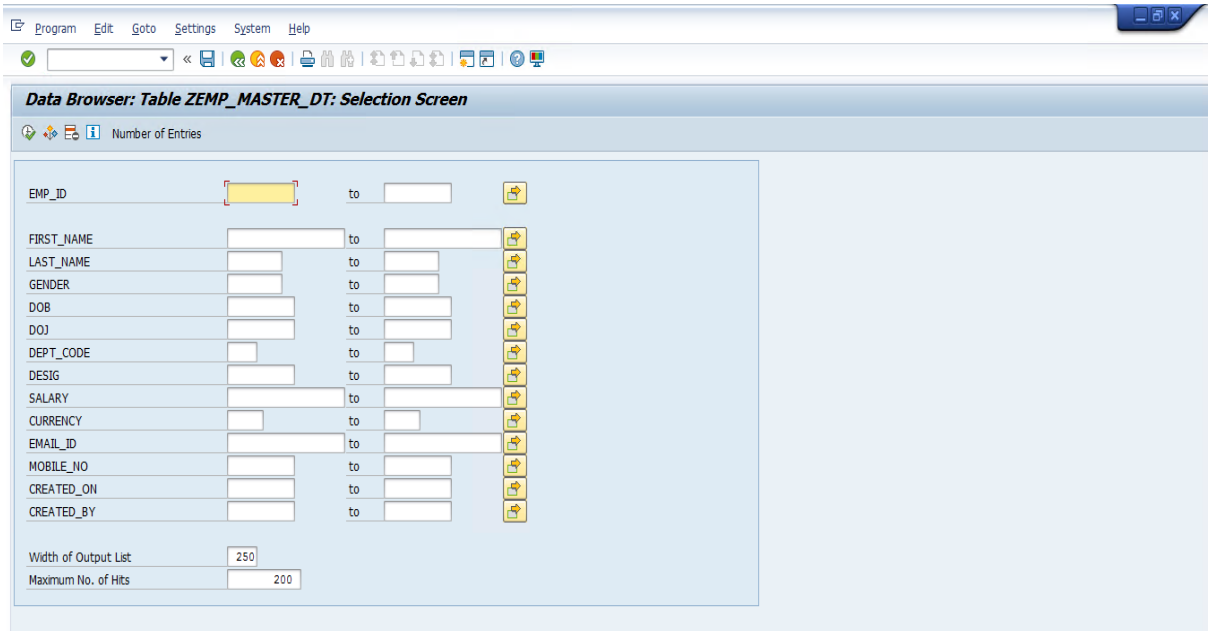
Create – Domain And Database Table

Table Name: - ZEMP_MASTER_DT

Short Description: Employee Master Table

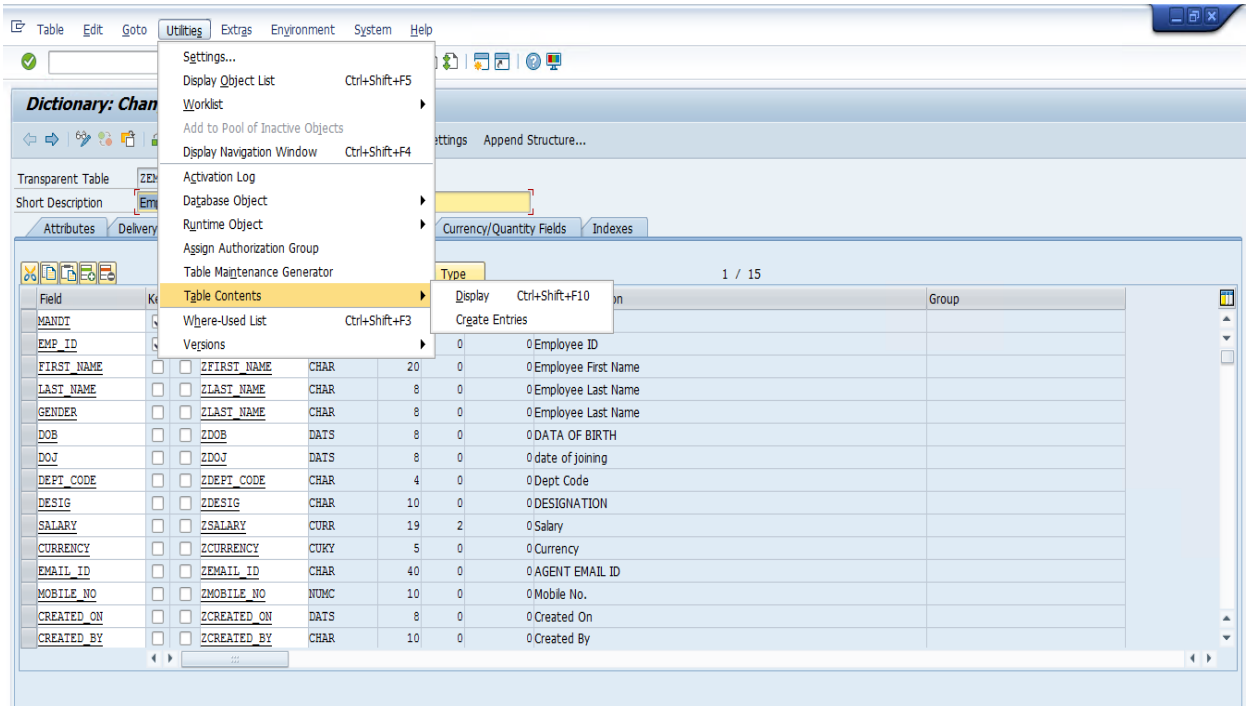


- **Contents**

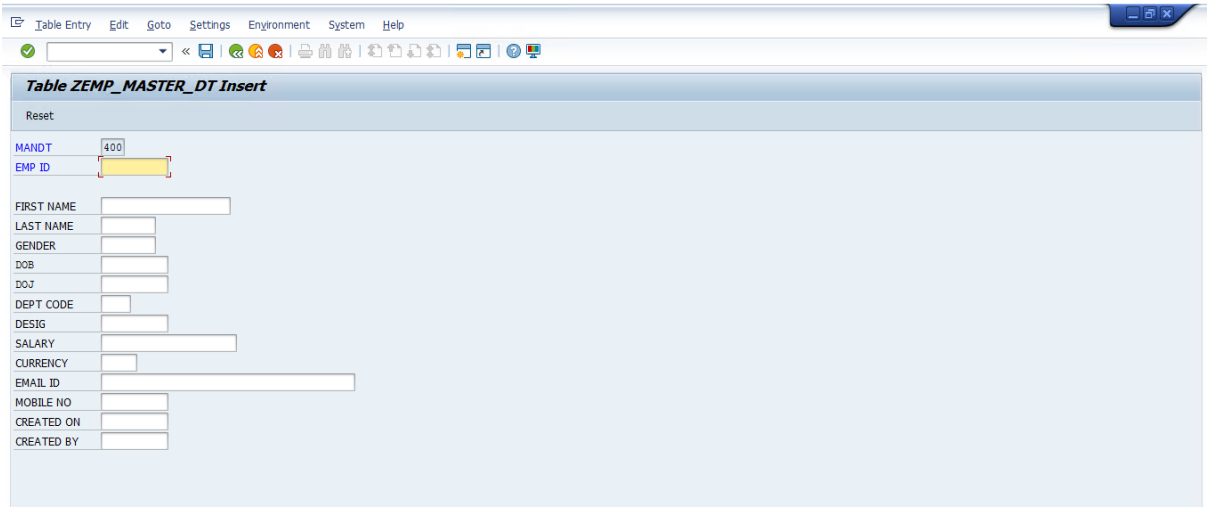


- **Insert The Data Employee Master Table**

Utilities -> Table Contents -> Create Entries

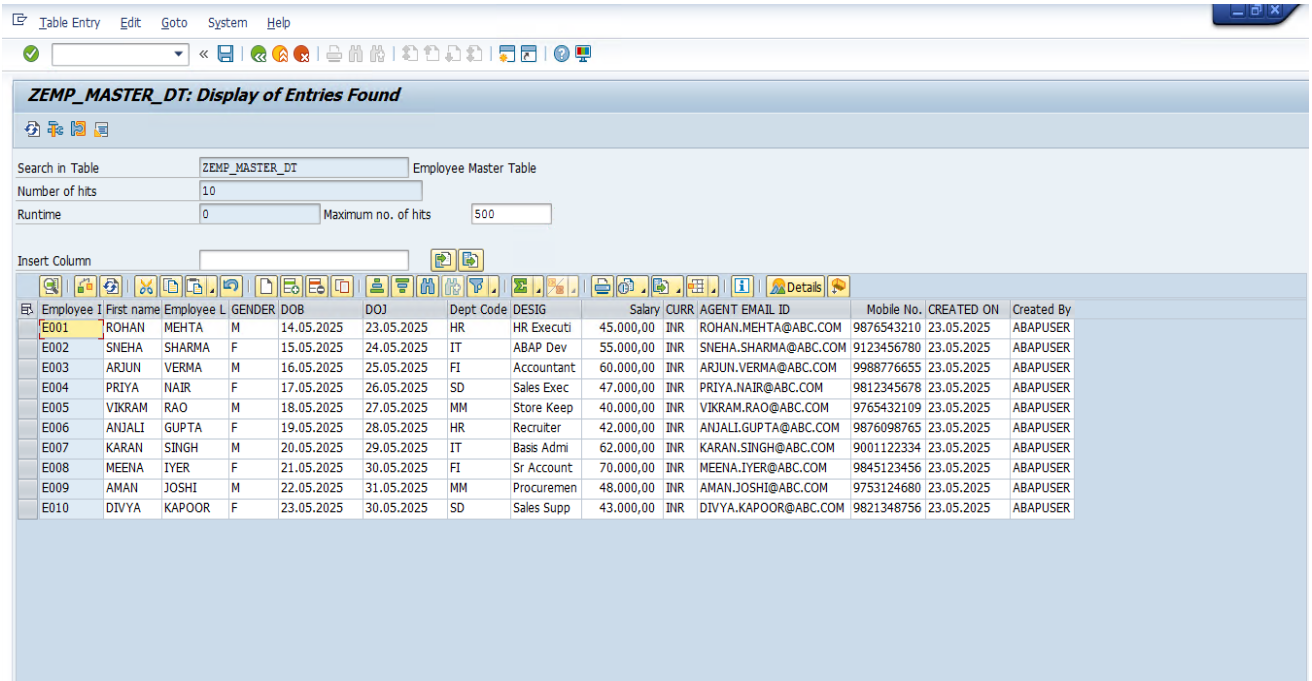


- **OPEN SCREEN**



CHECK INSERT DATA EMPLOYEE MASTER TABLE

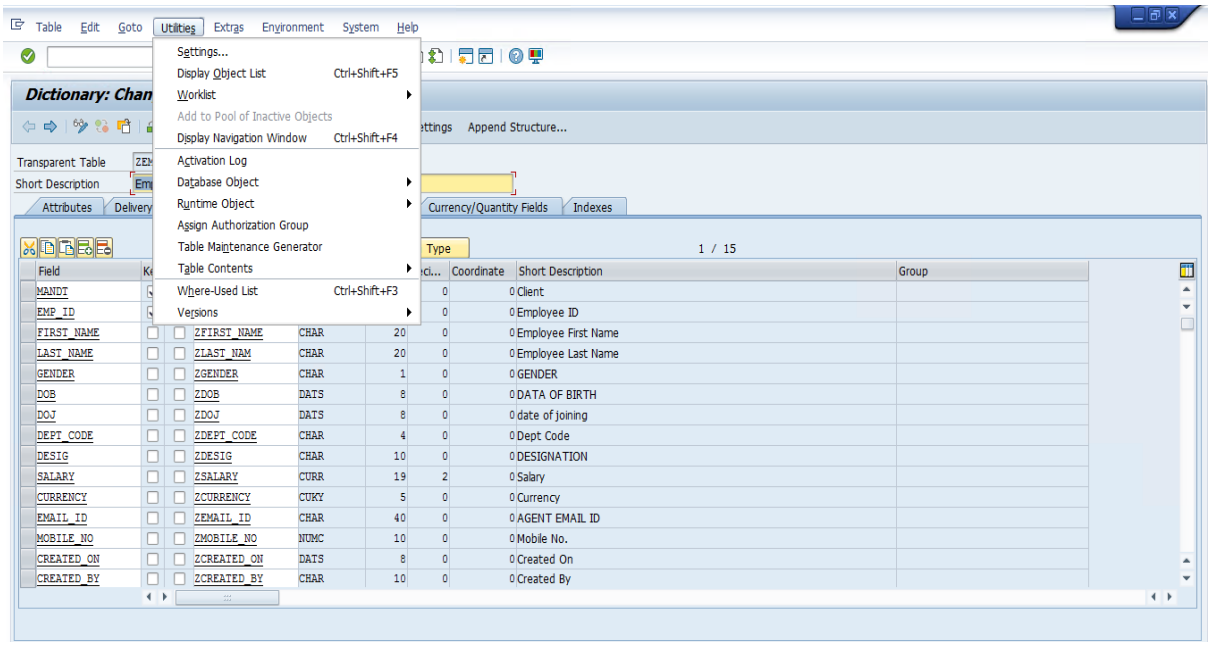
GO -> T. Code - > SE16n ->OPEN SCREEN

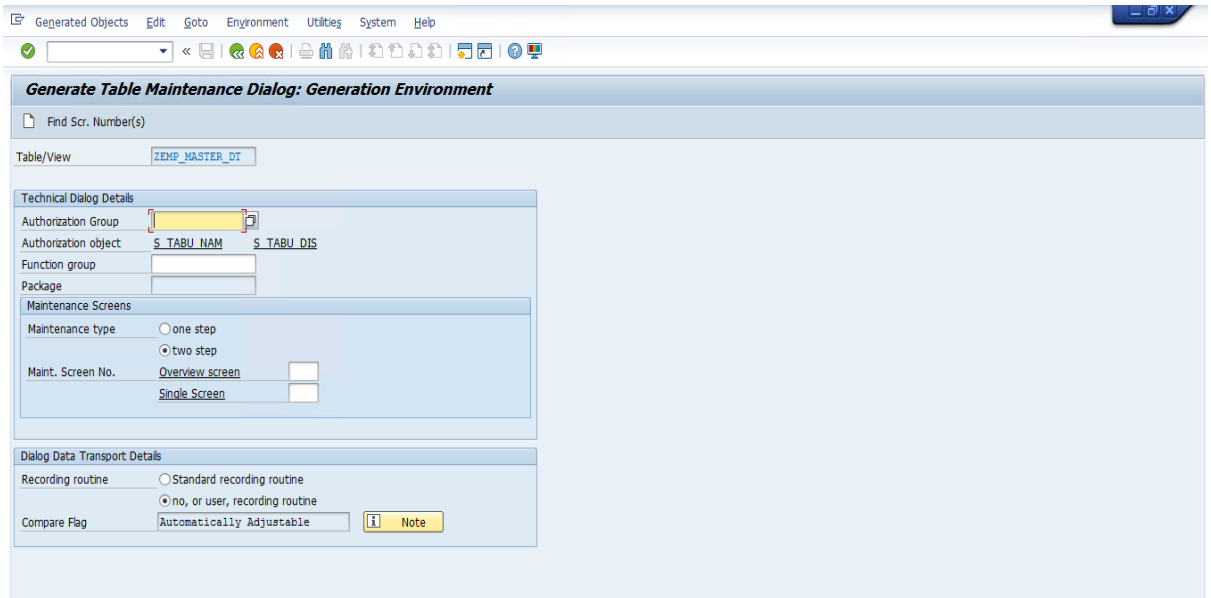


Employee I	First name	Employee L	GENDER	DOB	DOJ	Dept Code	DESIG	Salary	CURR	AGENT EMAIL ID	Mobile No.	CREATED ON	Created By
E001	ROHAN	MEHTA	M	14.05.2025	23.05.2025	HR	HR Executi	45.000,00	INR	ROHAN.MEHTA@ABC.COM	9876543210	23.05.2025	ABAPUSER
E002	SNEHA	SHARMA	F	15.05.2025	24.05.2025	IT	ABAP Dev	55.000,00	INR	SNEHA.SHARMA@ABC.COM	9123456780	23.05.2025	ABAPUSER
E003	ARJUN	VERMA	M	16.05.2025	25.05.2025	FI	Accountant	60.000,00	INR	ARJUN.VERMA@ABC.COM	9988776655	23.05.2025	ABAPUSER
E004	PRIYA	NAIR	F	17.05.2025	26.05.2025	SD	Sales Exec	47.000,00	INR	PRIYA.NAIR@ABC.COM	9812345678	23.05.2025	ABAPUSER
E005	VIKRAM	RAO	M	18.05.2025	27.05.2025	MM	Store Keep	40.000,00	INR	VIKRAM.RAO@ABC.COM	9765432109	23.05.2025	ABAPUSER
E006	ANJALI	GUPTA	F	19.05.2025	28.05.2025	HR	Recruiter	42.000,00	INR	ANJALI.GUPTA@ABC.COM	9876098765	23.05.2025	ABAPUSER
E007	KARAN	SINGH	M	20.05.2025	29.05.2025	IT	Basis Admi	62.000,00	INR	KARAN.SINGH@ABC.COM	9001122334	23.05.2025	ABAPUSER
E008	MEENA	IYER	F	21.05.2025	30.05.2025	FI	Sr Account	70.000,00	INR	MEENA.IYER@ABC.COM	9845123456	23.05.2025	ABAPUSER
E009	AMAN	JOSHI	M	22.05.2025	31.05.2025	MM	Procuremen	48.000,00	INR	AMAN.JOSHI@ABC.COM	9753124680	23.05.2025	ABAPUSER
E010	DIVYA	KAPOOR	F	23.05.2025	30.05.2025	SD	Sales Supp	43.000,00	INR	DIVYA.KAPOOR@ABC.COM	9821348756	23.05.2025	ABAPUSER

- **CREATE TMG**

GO -> Utilities -> Table Maintenance Generator

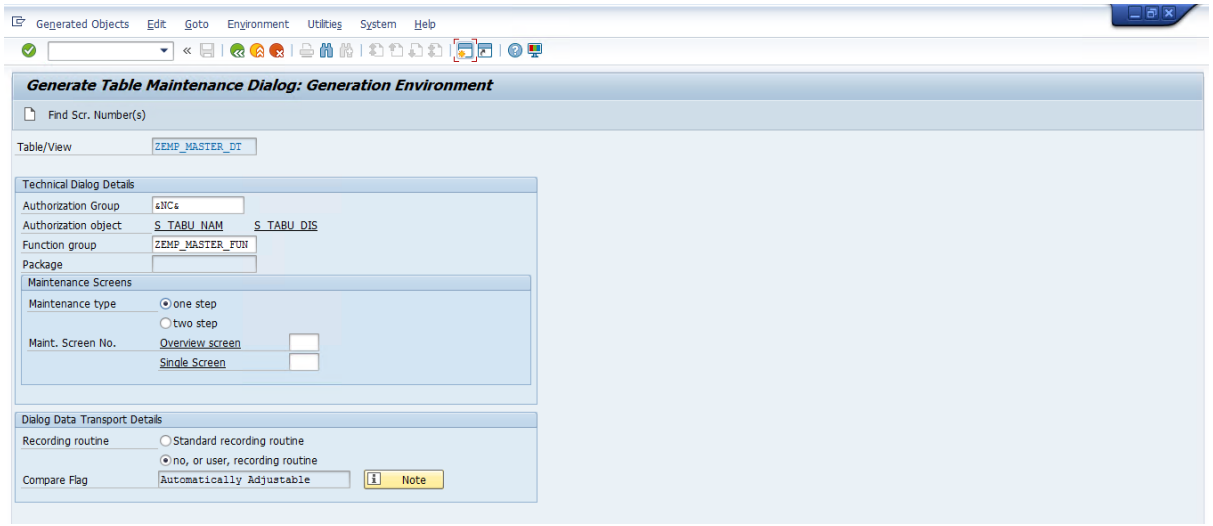


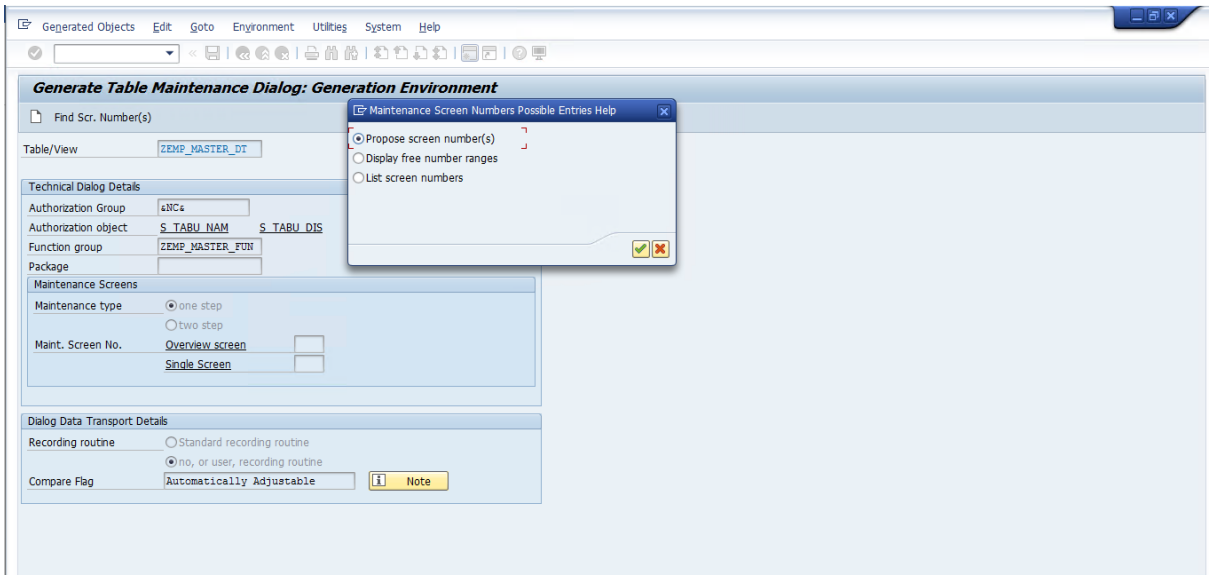


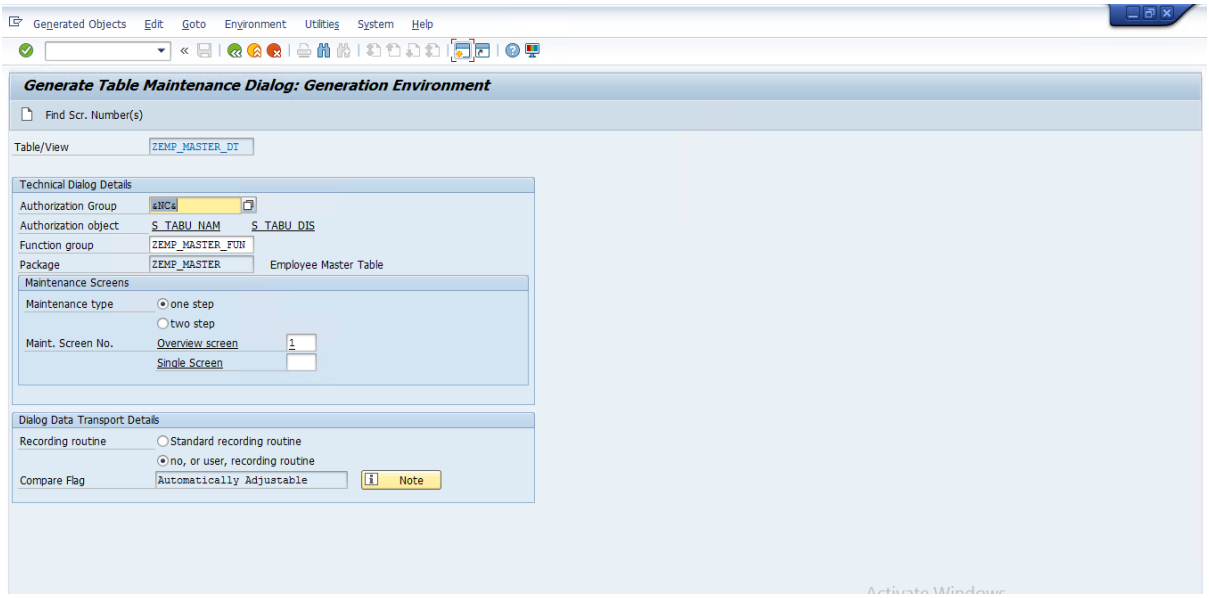
CREATE FUNCATION GROUP

GO -> SE80 -> Object Navigator Screen -> Chose Dropdown list -> Function Group -> ZEMP_MASTER_FUN

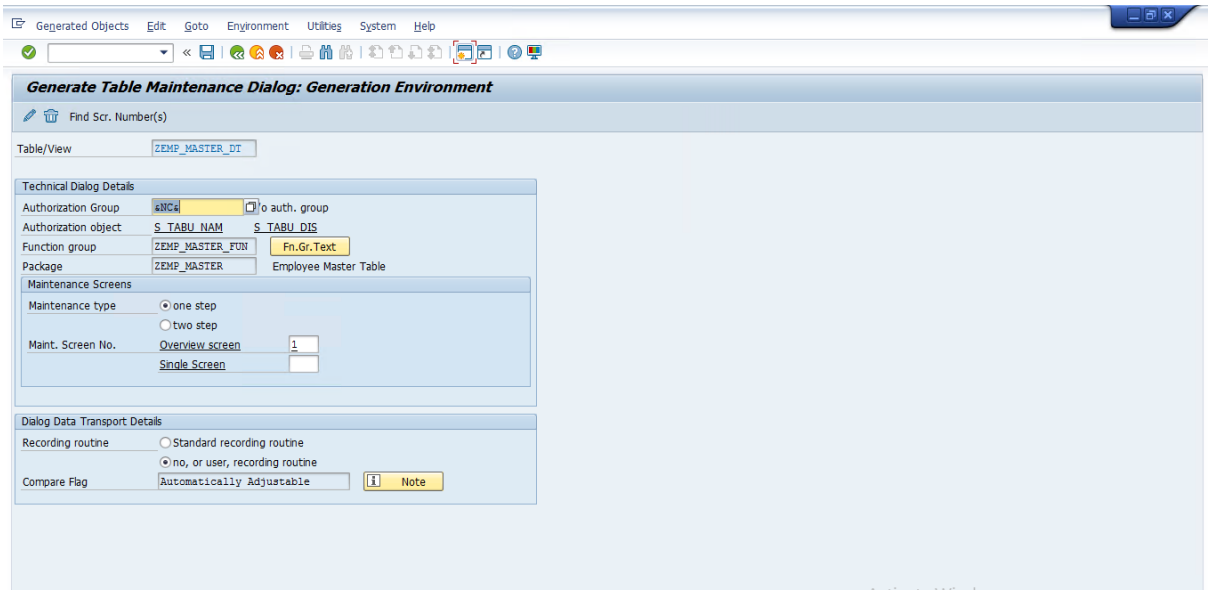
Short Description : - Employee Master Function Group

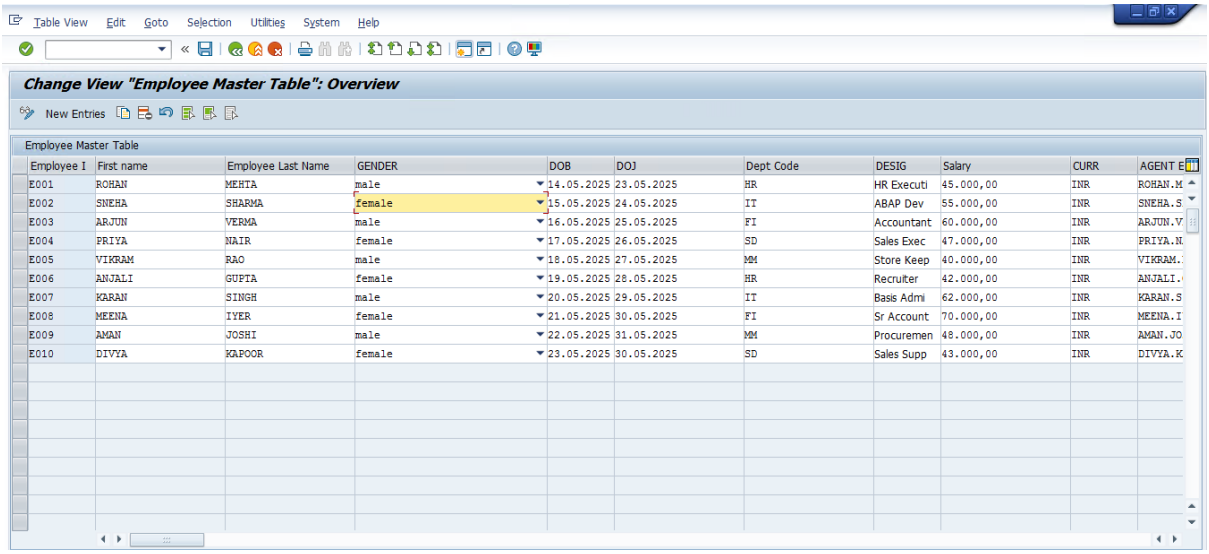




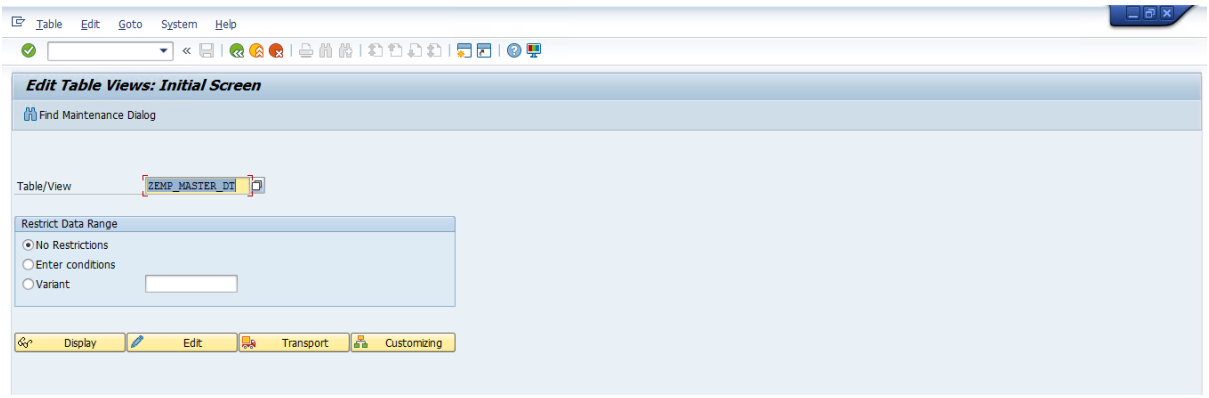


- **COMPLATE TMG CREATE PROCESS**

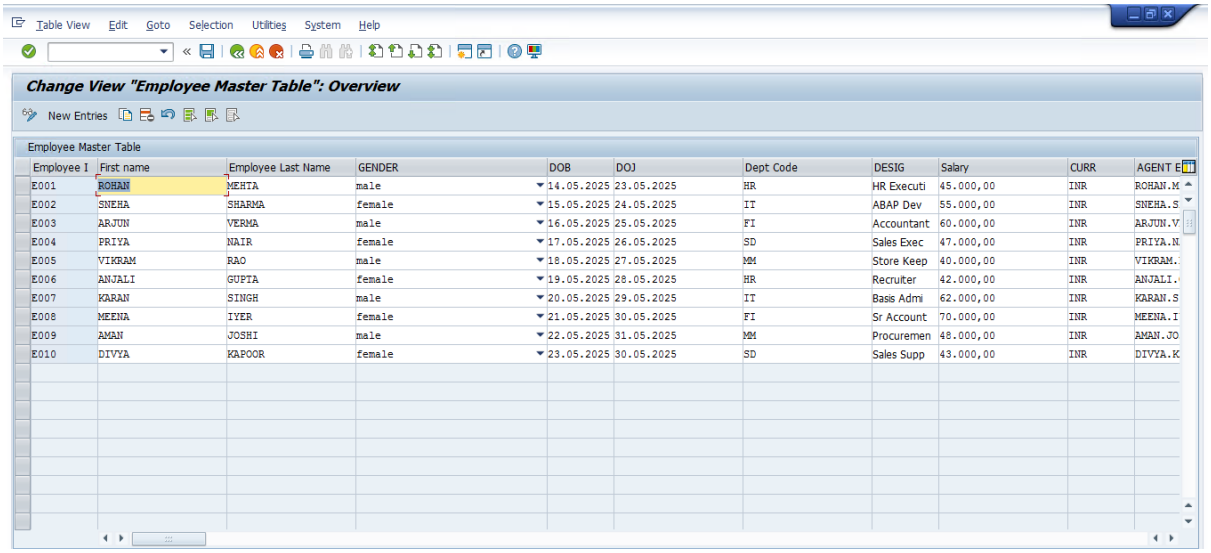




GO -> T. Code -> SM30 -> Enter->OPEN SCREEN



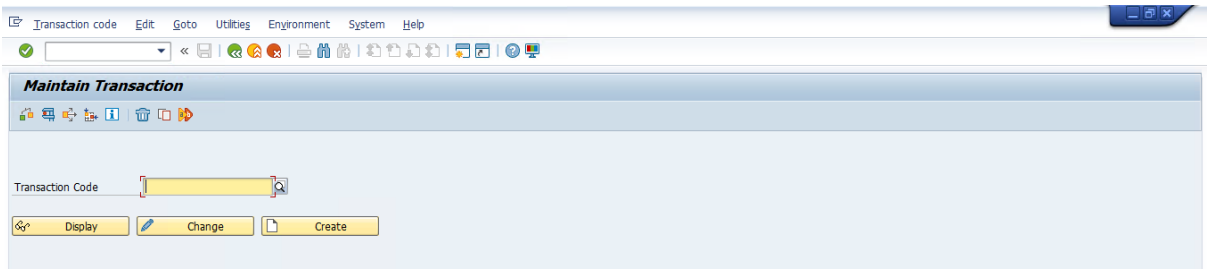
- **EDIT**

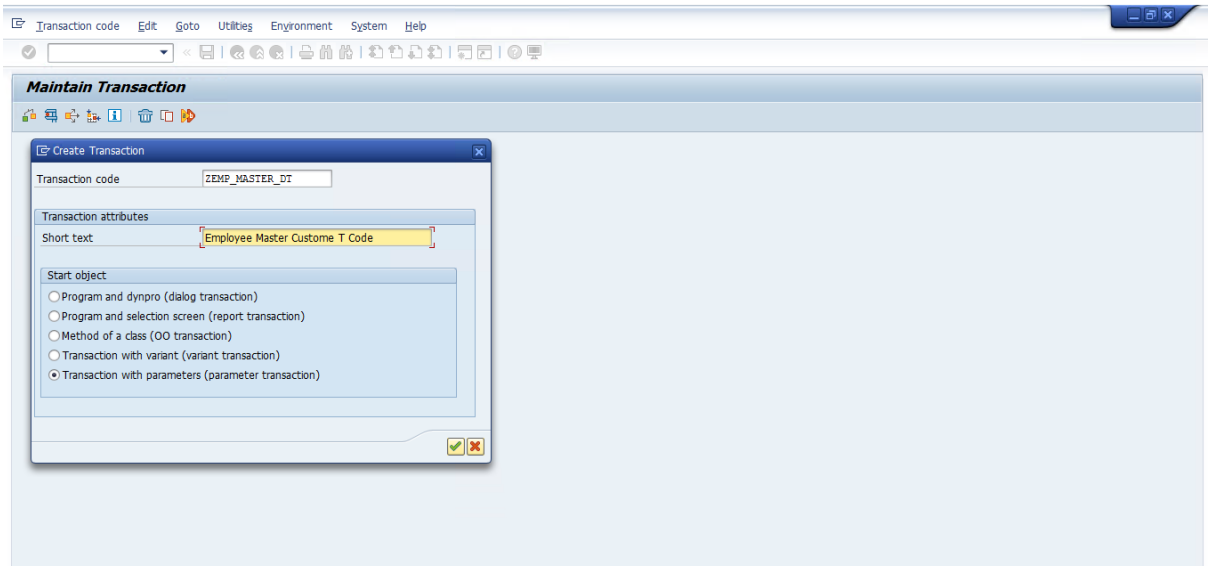


Employee I	First name	Employee Last Name	GENDER	DOB	DOJ	Dept Code	DESIG	Salary	CURR	AGENT E
E001	ROHAN	MEHTA	male	14.05.2025	23.05.2025	HR	HR Executi	45.000,00	INR	ROHAN.M
E002	SNEHA	SHARMA	female	15.05.2025	24.05.2025	IT	ABAP Dev	55.000,00	INR	SNEHA.S
E003	ARJUN	VERMA	male	16.05.2025	25.05.2025	FI	Accountant	60.000,00	INR	ARJUN.V
E004	PRIYA	NAIR	female	17.05.2025	26.05.2025	SD	Sales Exec	47.000,00	INR	PRIYA.N
E005	VIKRAM	RAO	male	18.05.2025	27.05.2025	MM	Store Keep	40.000,00	INR	VIKRAM.
E006	ANJALI	GUPTA	female	19.05.2025	28.05.2025	HR	Recruiter	42.000,00	INR	ANJALI.
E007	KARAN	SINGH	male	20.05.2025	29.05.2025	IT	Basis Admi	62.000,00	INR	KARAN.S
E008	MEENA	IYER	female	21.05.2025	30.05.2025	FI	Sr Account	70.000,00	INR	MEENA.I
E009	AMAN	JOSHI	male	22.05.2025	31.05.2025	MM	Procuremen	48.000,00	INR	AMAN.JO
E010	DIVYA	KAPOOR	female	23.05.2025	30.05.2025	SD	Sales Supp	43.000,00	INR	DIVYA.K

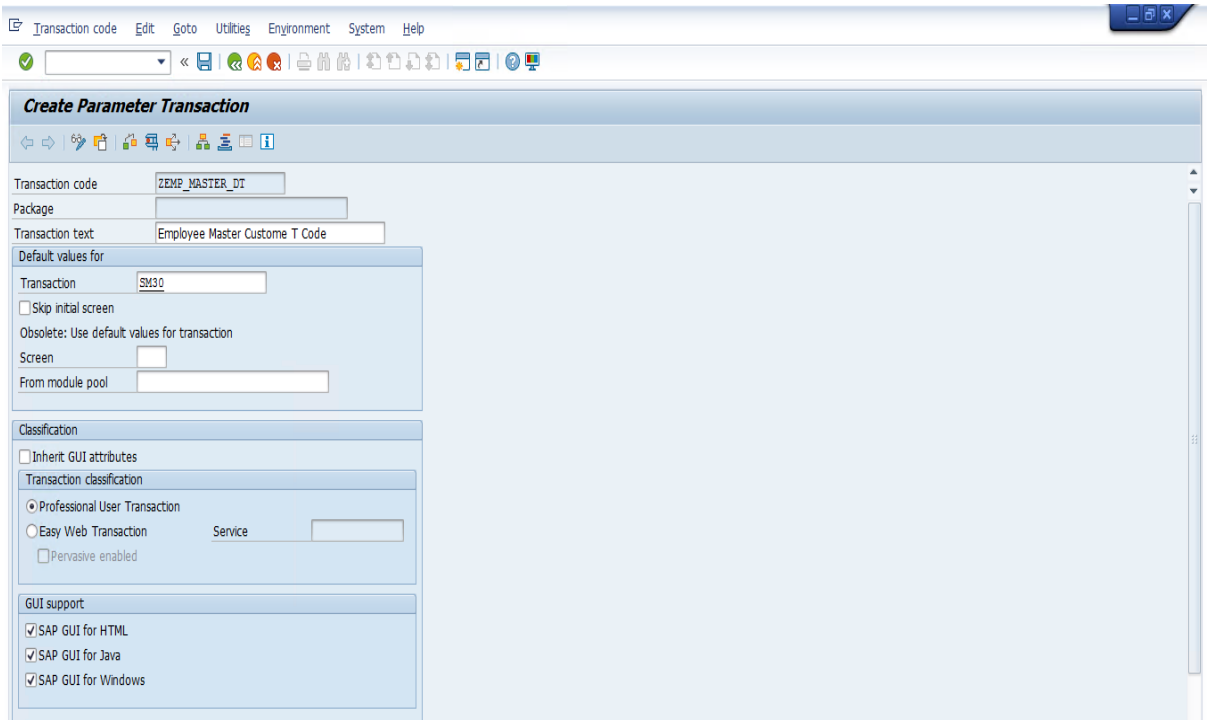
- **CREATE CUSTOME T CODE**

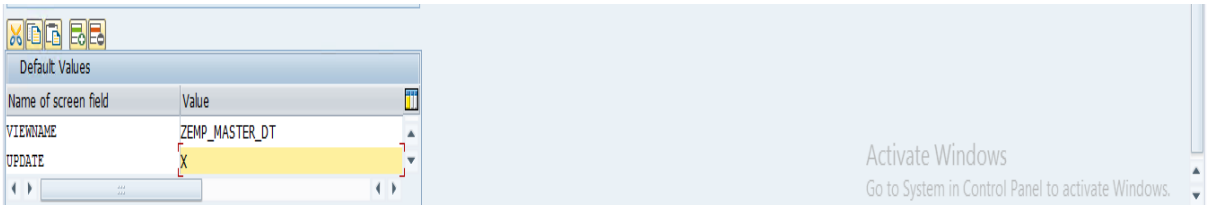
GO ->T. Code -> SE93 ->OPEN SCREEN -> Maintain Transaction.



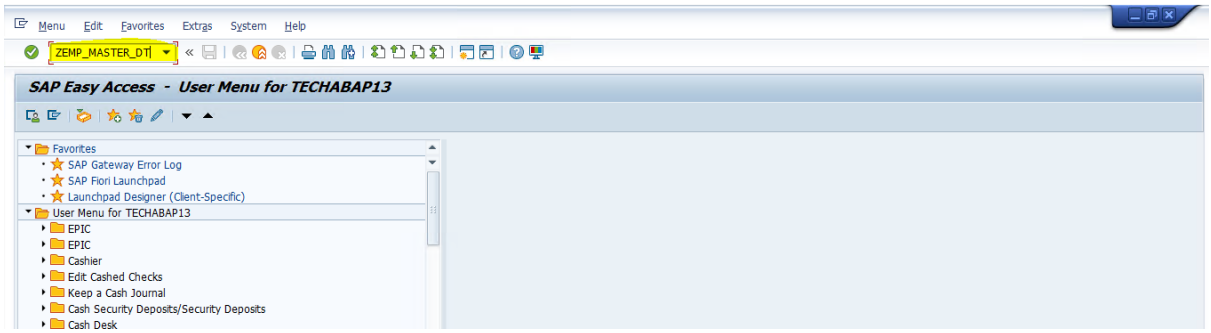


- **CREATE PARAMETER TRANSACTION**

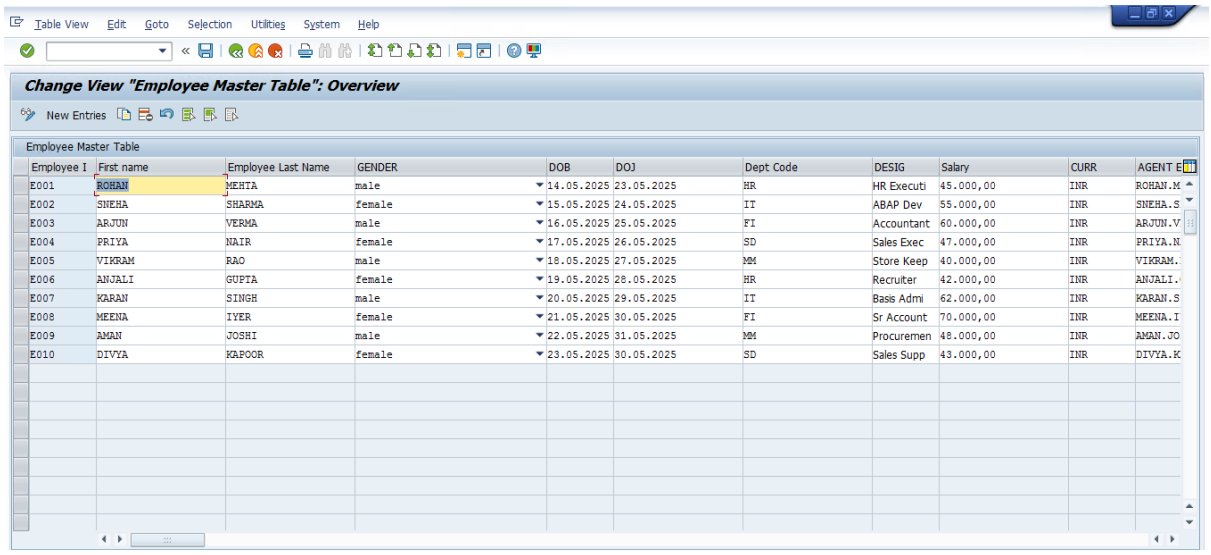




- **CREATE CUSTOME T CODE FOR EMPLOYEE MASTER DATA**



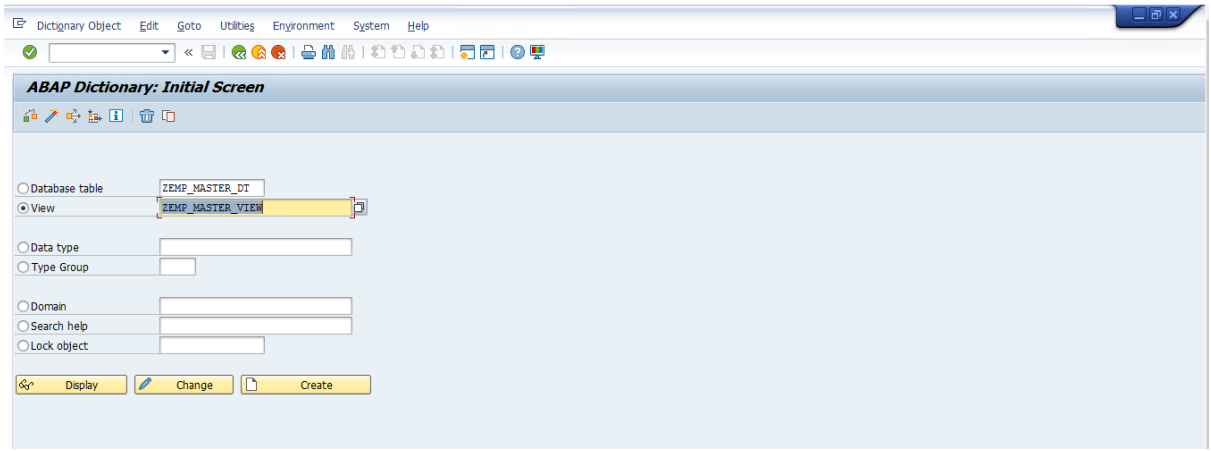
- **ENTER OUTPUT RESULT**



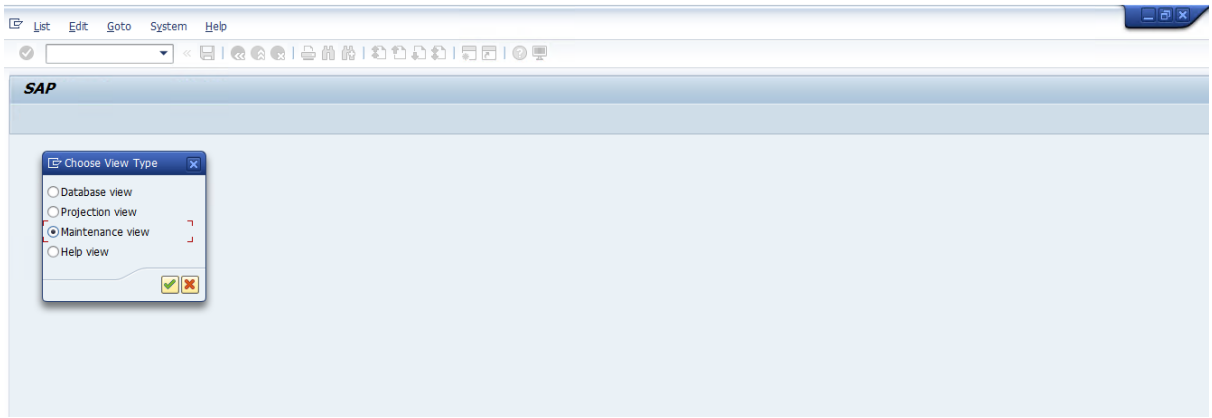
Employee I	First name	Employee Last Name	GENDER	DOB	DOJ	Dept Code	DESIG	Salary	CURR	AGENT E
E001	ROHAN	MEHTA	male	14.05.2025	23.05.2025	HR	HR Executi	45.000,00	INR	ROHAN.M
E002	SNEHA	SHARMA	female	15.05.2025	24.05.2025	IT	ABAP Dev	55.000,00	INR	SNEHA.S
E003	ARJUN	VERMA	male	16.05.2025	25.05.2025	FI	Accountant	60.000,00	INR	ARJUN.V
E004	PRIYA	NAIR	female	17.05.2025	26.05.2025	SD	Sales Exec	47.000,00	INR	PRIYA.N
E005	VIKRAM	RAO	male	18.05.2025	27.05.2025	MM	Store Keep	40.000,00	INR	VIKRAM.
E006	ANJALI	GUPTA	female	19.05.2025	28.05.2025	HR	Recruiter	42.000,00	INR	ANJALI.
E007	KARAN	SINGH	male	20.05.2025	29.05.2025	IT	Basis Admi	62.000,00	INR	KARAN.S
E008	MEENA	IYER	female	21.05.2025	30.05.2025	FI	Sr Account	70.000,00	INR	MEENA.I
E009	AMAN	JOSHI	male	22.05.2025	31.05.2025	MM	Procuremen	48.000,00	INR	AMAN.JO
E010	DIVYA	KAPOOR	female	23.05.2025	30.05.2025	SD	Sales Supp	43.000,00	INR	DIVYA.K

- **CREATE VIEW**

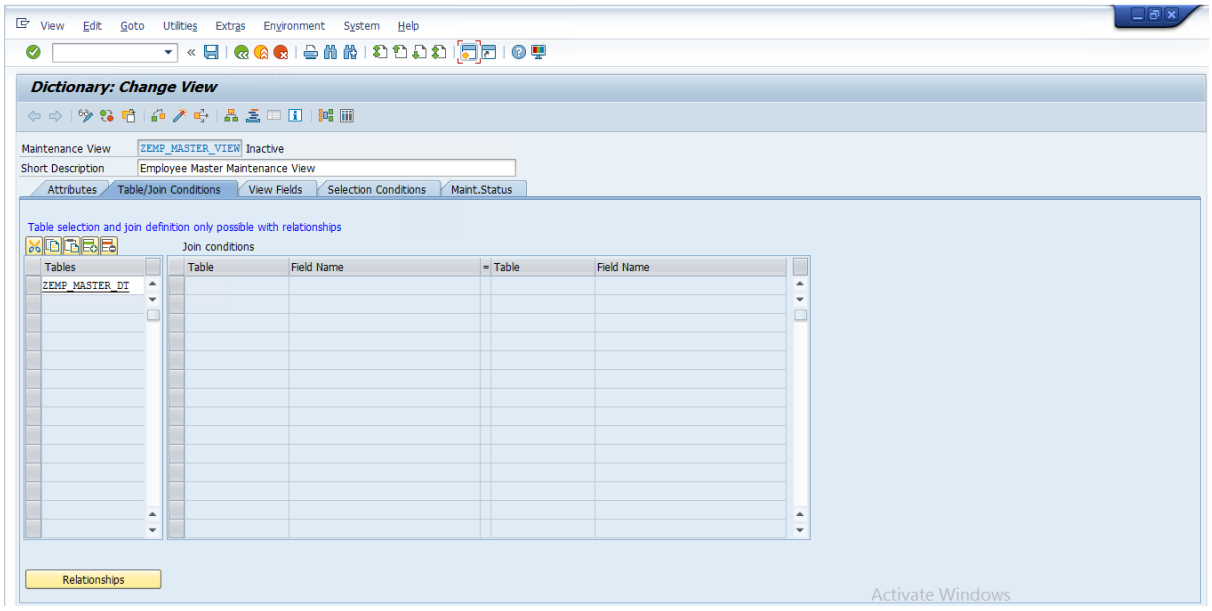
Go To -> T Code -> SE11 -> Dictionary Change Table Screen



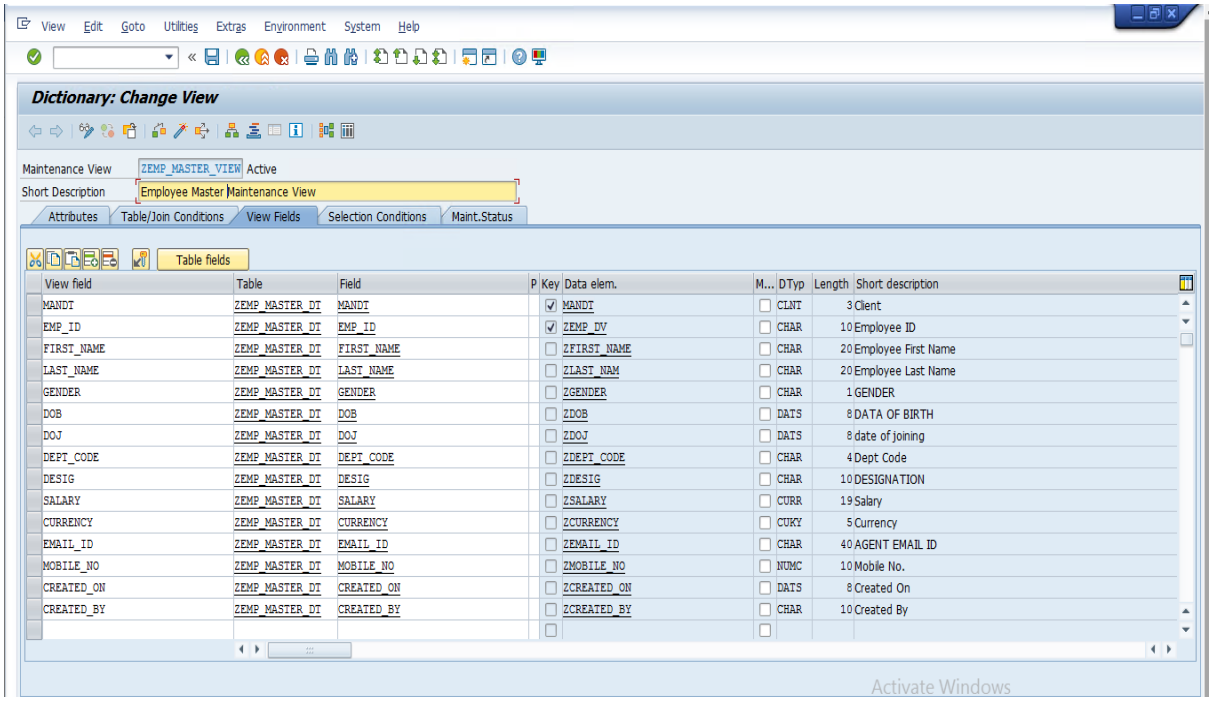
- **CREATE**



- **Maintenance View First Step**

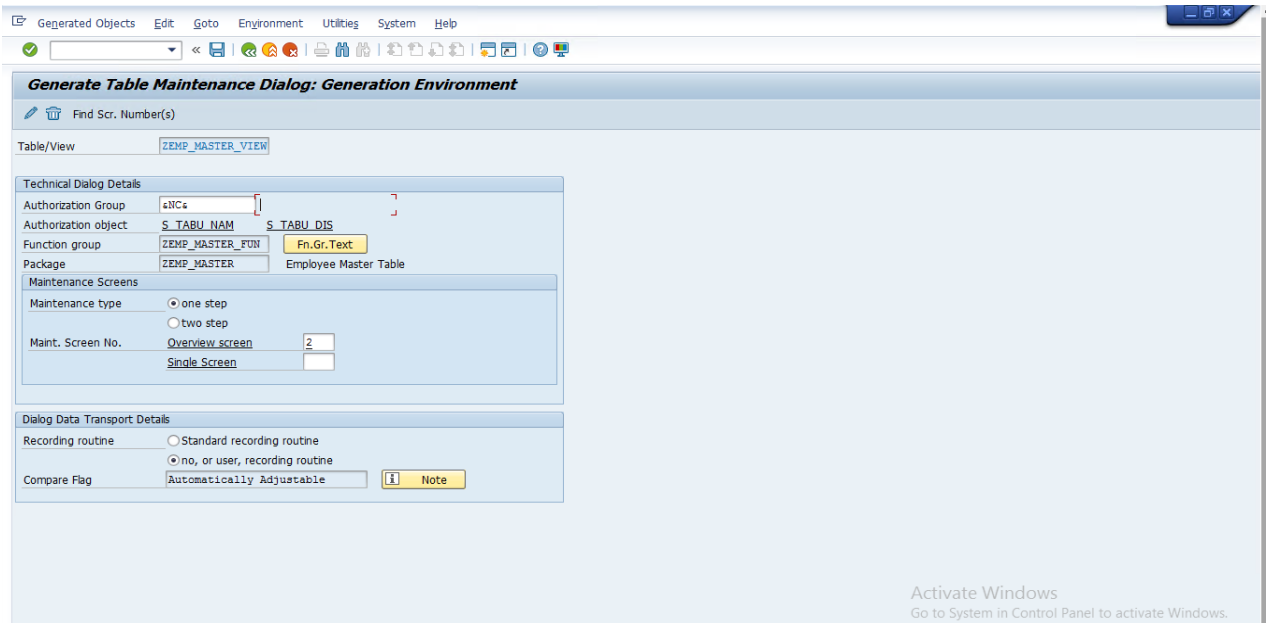


- **Maintenance View Second Step**

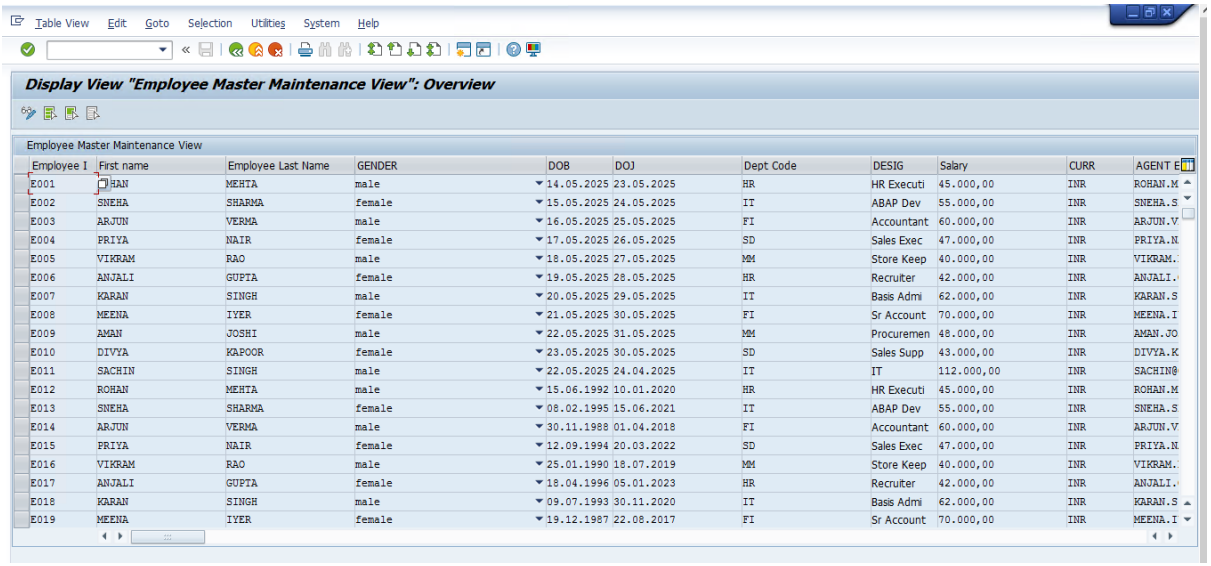


- **CREATE TMG Maintenance View**

Go To -> Utilities -> Table Maintenance Generator

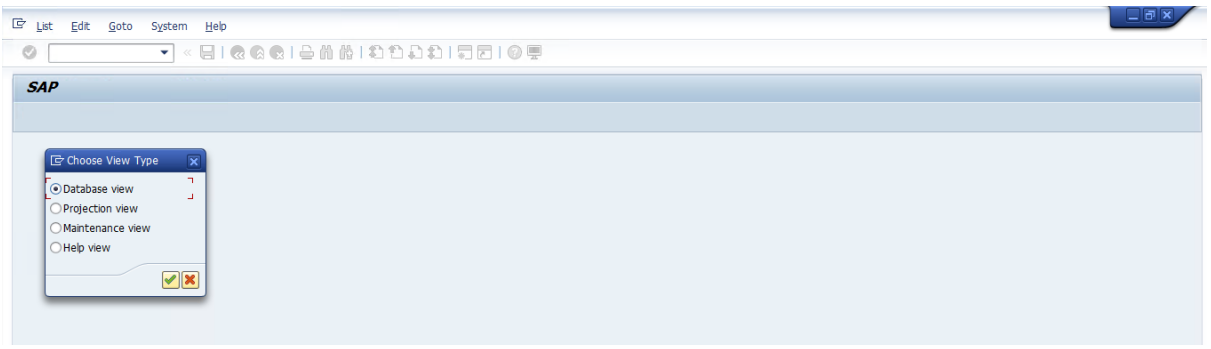


- **Contents**

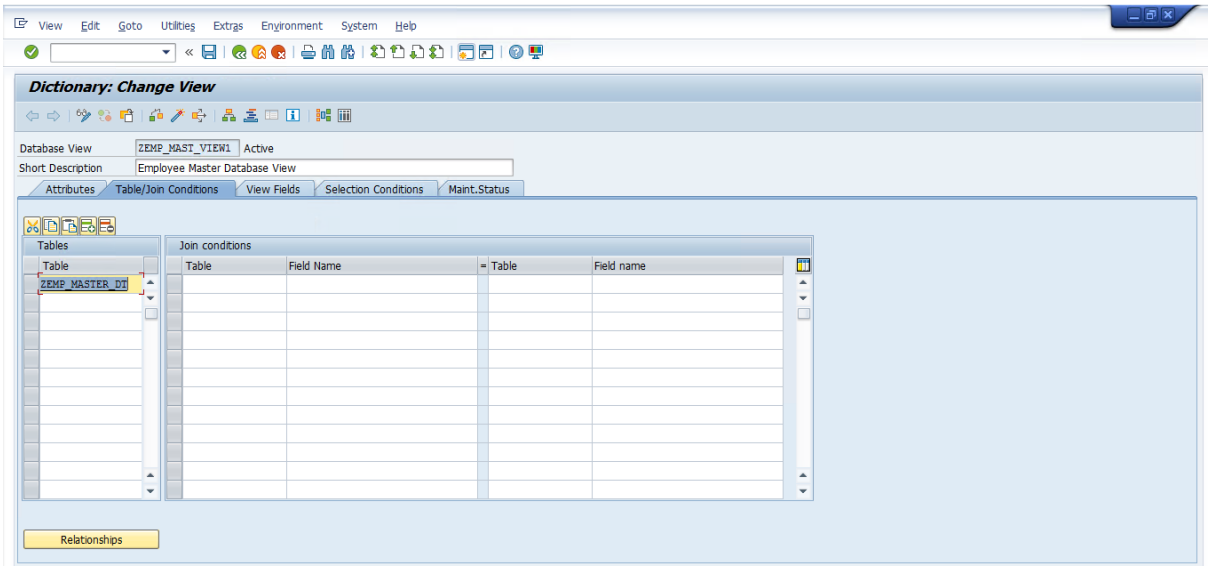


Employee I	First name	Employee Last Name	GENDER	DOB	DOJ	Dept Code	DESIG	Salary	CURR	AGENT E
E001	HAN	MEHTA	male	14.05.2025	23.05.2025	HR	HR Executi	45.000,00	INR	ROHAN.M
E002	SNEHA	SHARMA	female	15.05.2025	24.05.2025	IT	ABAP Dev	55.000,00	INR	SNEHA.S
E003	ARJUN	VERMA	male	16.05.2025	25.05.2025	FI	Accountant	60.000,00	INR	ARJUN.V
E004	PRIYA	NAIR	female	17.05.2025	26.05.2025	SD	Sales Exec	47.000,00	INR	PRIYA.N
E005	VIKRAM	RAO	male	18.05.2025	27.05.2025	MM	Store Keep	40.000,00	INR	VIKRAM.
E006	ANJALI	GUPTA	female	19.05.2025	28.05.2025	HR	Recruiter	42.000,00	INR	ANJALI.
E007	KARAN	SINGH	male	20.05.2025	29.05.2025	IT	Basis Admi	62.000,00	INR	KARAN.S
E008	MEENA	IYER	female	21.05.2025	30.05.2025	FI	Sr Account	70.000,00	INR	MEENA.I
E009	AMAN	JOSHI	male	22.05.2025	31.05.2025	MM	Procuremen	48.000,00	INR	AMAN.JO
E010	DIVYA	KAPOOR	female	23.05.2025	30.05.2025	SD	Sales Supp	43.000,00	INR	DIVYA.K
E011	SACHIN	SINGH	male	22.05.2025	24.04.2025	IT	IT	112.000,00	INR	SACHIN@
E012	ROHAN	MEHTA	male	15.06.1992	10.01.2020	HR	HR Executi	45.000,00	INR	ROHAN.M
E013	SNEHA	SHARMA	female	08.02.1995	15.06.2021	IT	ABAP Dev	55.000,00	INR	SNEHA.S
E014	ARJUN	VERMA	male	30.11.1988	01.04.2018	FI	Accountant	60.000,00	INR	ARJUN.V
E015	PRIYA	NAIR	female	12.09.1994	20.03.2022	SD	Sales Exec	47.000,00	INR	PRIYA.N
E016	VIKRAM	RAO	male	25.01.1990	18.07.2019	MM	Store Keep	40.000,00	INR	VIKRAM.
E017	ANJALI	GUPTA	female	18.04.1996	05.01.2023	HR	Recruiter	42.000,00	INR	ANJALI.
E018	KARAN	SINGH	male	09.07.1993	30.11.2020	IT	Basis Admi	62.000,00	INR	KARAN.S
E019	MEENA	IYER	female	19.12.1987	22.08.2017	FI	Sr Account	70.000,00	INR	MEENA.I

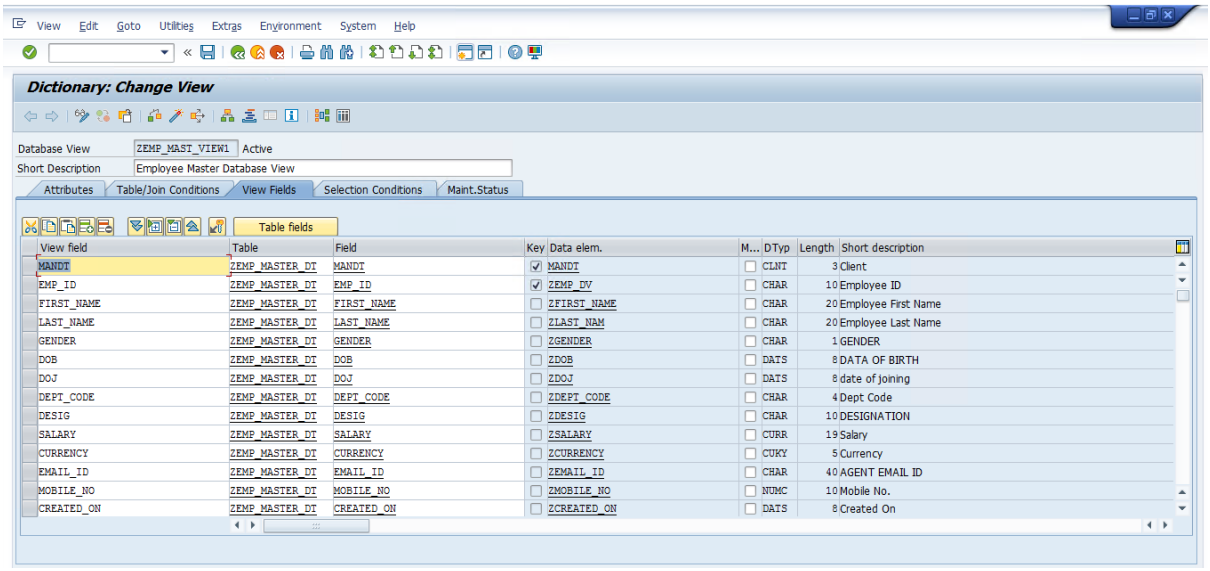
- **Database View**



- **Database View First Step**

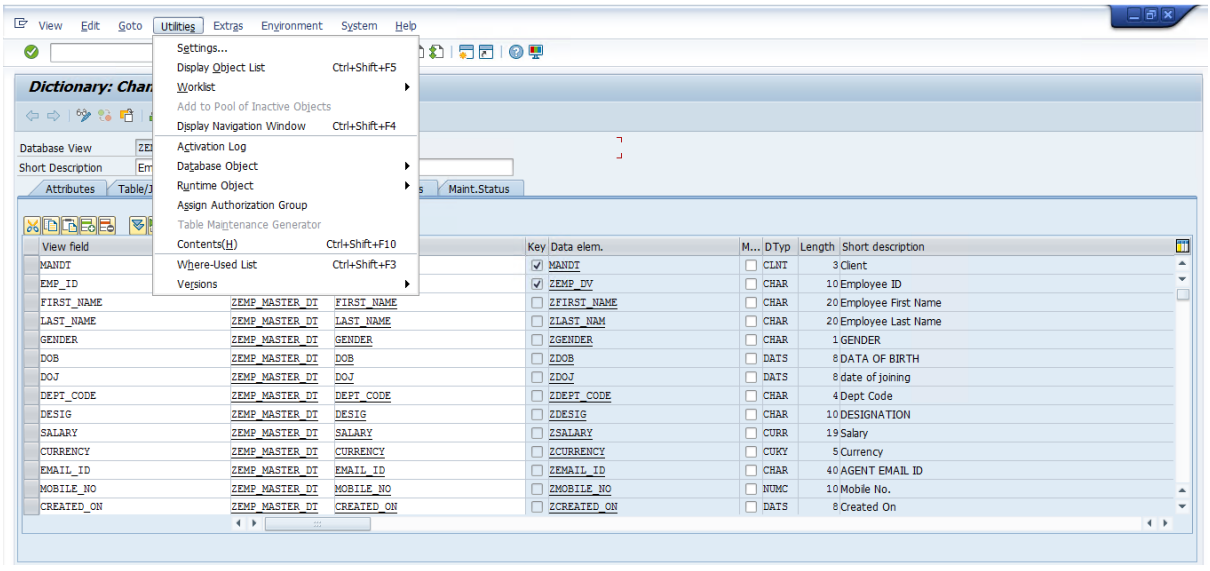


- **Database View Second Step**

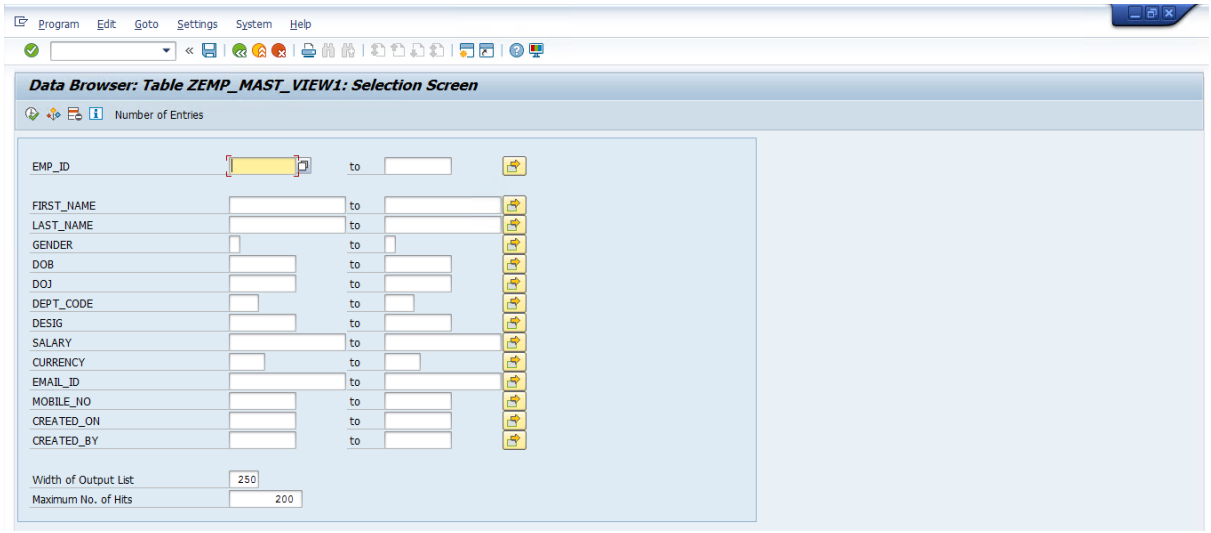


- **NOTE CREATE TMG Database View (All Ready Disable)**

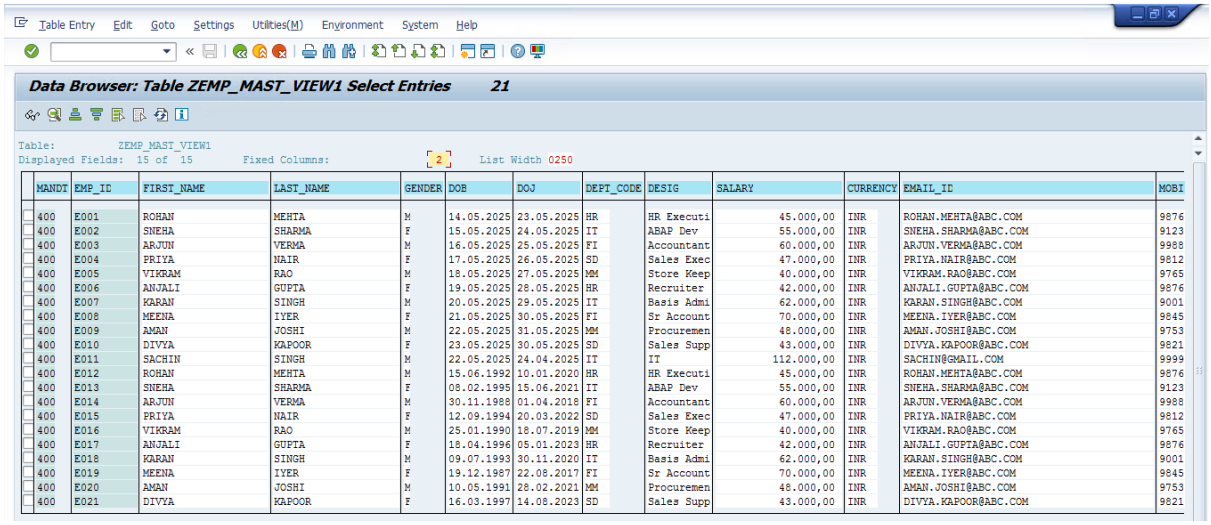
Go To -> Utilities -> Table Maintenance Generator -> Disable



- **Click The Contents Show the Database View Table**

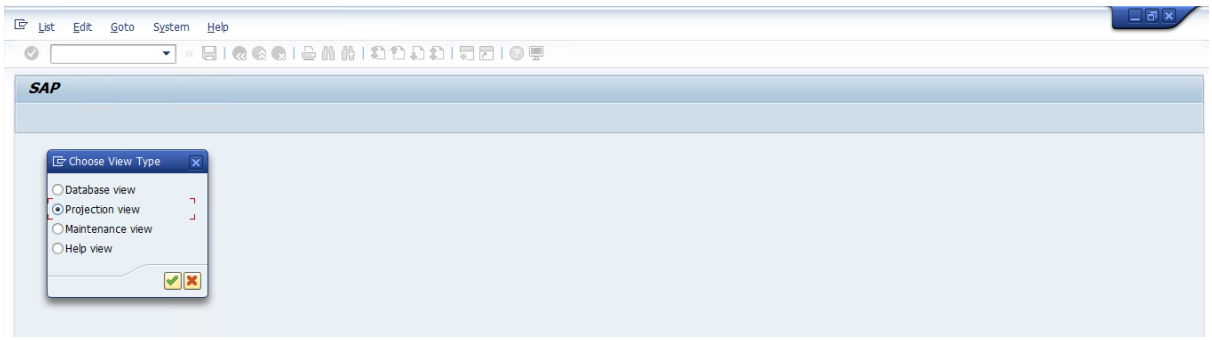


- **Click Execute Button Show the Result**

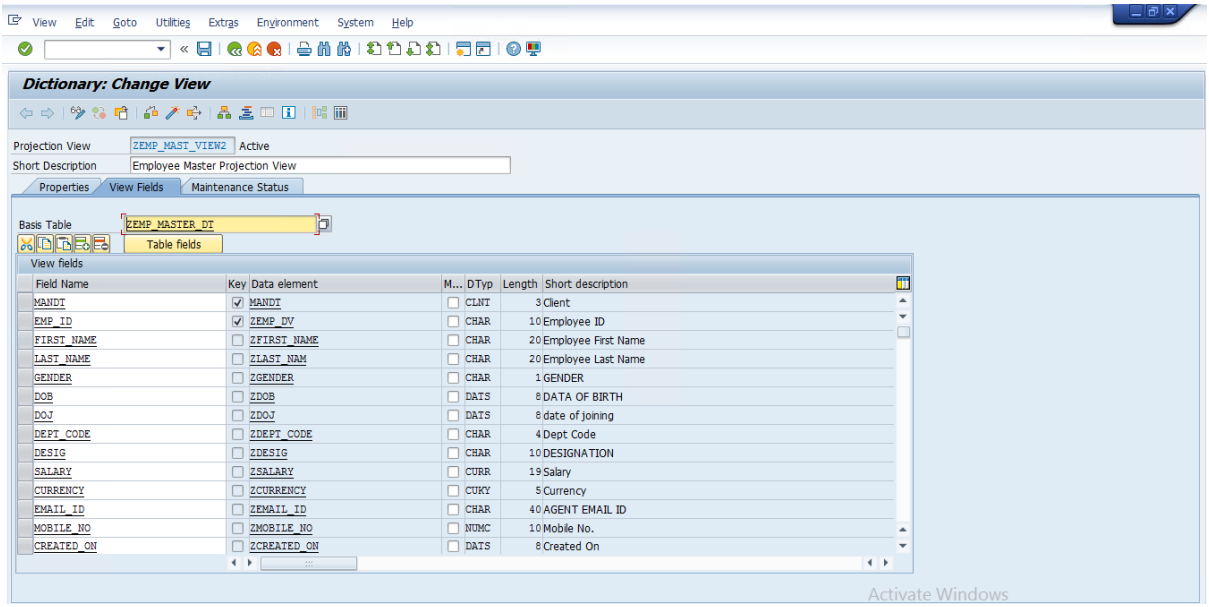


MANDT	EMP_ID	FIRST_NAME	LAST_NAME	GENDER	DOB	DOJ	DEPT_CODE	DESIG	SALARY	CURRENCY	EMAIL_ID	MOBI
400	E001	ROHAN	MEHTA	M	14.05.2025	23.05.2025	HR	HR Executi	45.000,00	INR	ROHAN.MEHTA@ABC.COM	9876
400	E002	SNEHA	SHARMA	F	15.05.2025	24.05.2025	IT	ABAP Dev	55.000,00	INR	SNEHA.SHARMA@ABC.COM	9123
400	E003	ARJUN	VERMA	M	16.05.2025	25.05.2025	FI	Accountant	60.000,00	INR	ARJUN.VERMA@ABC.COM	9988
400	E004	PRIYA	NAIR	F	17.05.2025	26.05.2025	SD	Sales Exec	47.000,00	INR	PRIYA.NAIR@ABC.COM	9812
400	E005	VIKRAM	RAO	M	18.05.2025	27.05.2025	MM	Store Keep	40.000,00	INR	VIKRAM.RAO@ABC.COM	9765
400	E006	ANJALI	GUPTA	F	19.05.2025	28.05.2025	HR	Recruiter	42.000,00	INR	ANJALI.GUPTA@ABC.COM	9876
400	E007	KARAN	SINGH	M	20.05.2025	29.05.2025	IT	Basis Admi	62.000,00	INR	KARAN.SINGH@ABC.COM	9001
400	E008	MEENA	IYER	F	21.05.2025	30.05.2025	FI	Sr Account	70.000,00	INR	MEENA.IYER@ABC.COM	9845
400	E009	AMAN	JOSHI	M	22.05.2025	31.05.2025	MM	Procuremen	48.000,00	INR	AMAN.JOSHI@ABC.COM	9753
400	E010	DIVYA	KAPOOR	F	23.05.2025	30.05.2025	SD	Sales Supp	43.000,00	INR	DIVYA.KAPOOR@ABC.COM	9821
400	E011	SACHIN	SINGH	M	22.05.2025	24.04.2025	IT	IT	112.000,00	INR	SACHIN@GMAIL.COM	9999
400	E012	ROHAN	MEHTA	M	15.06.1992	10.01.2020	HR	HR Executi	45.000,00	INR	ROHAN.MEHTA@ABC.COM	9876
400	E013	SNEHA	SHARMA	F	08.02.1995	15.06.2021	IT	ABAP Dev	55.000,00	INR	SNEHA.SHARMA@ABC.COM	9123
400	E014	ARJUN	VERMA	M	30.11.1988	01.04.2018	FI	Accountant	60.000,00	INR	ARJUN.VERMA@ABC.COM	9988
400	E015	PRIYA	NAIR	F	12.09.1994	20.03.2022	SD	Sales Exec	47.000,00	INR	PRIYA.NAIR@ABC.COM	9812
400	E016	VIKRAM	RAO	M	25.01.1990	18.07.2019	MM	Store Keep	40.000,00	INR	VIKRAM.RAO@ABC.COM	9765
400	E017	ANJALI	GUPTA	F	18.04.1996	05.01.2023	HR	Recruiter	42.000,00	INR	ANJALI.GUPTA@ABC.COM	9876
400	E018	KARAN	SINGH	M	09.07.1993	30.11.2020	IT	Basis Admi	62.000,00	INR	KARAN.SINGH@ABC.COM	9001
400	E019	MEENA	IYER	F	19.12.1987	22.08.2017	FI	Sr Account	70.000,00	INR	MEENA.IYER@ABC.COM	9845
400	E020	AMAN	JOSHI	M	10.05.1991	28.02.2021	MM	Procuremen	48.000,00	INR	AMAN.JOSHI@ABC.COM	9753
400	E021	DIVYA	KAPOOR	F	16.03.1997	14.08.2023	SD	Sales Supp	43.000,00	INR	DIVYA.KAPOOR@ABC.COM	9821

- **Projection View**

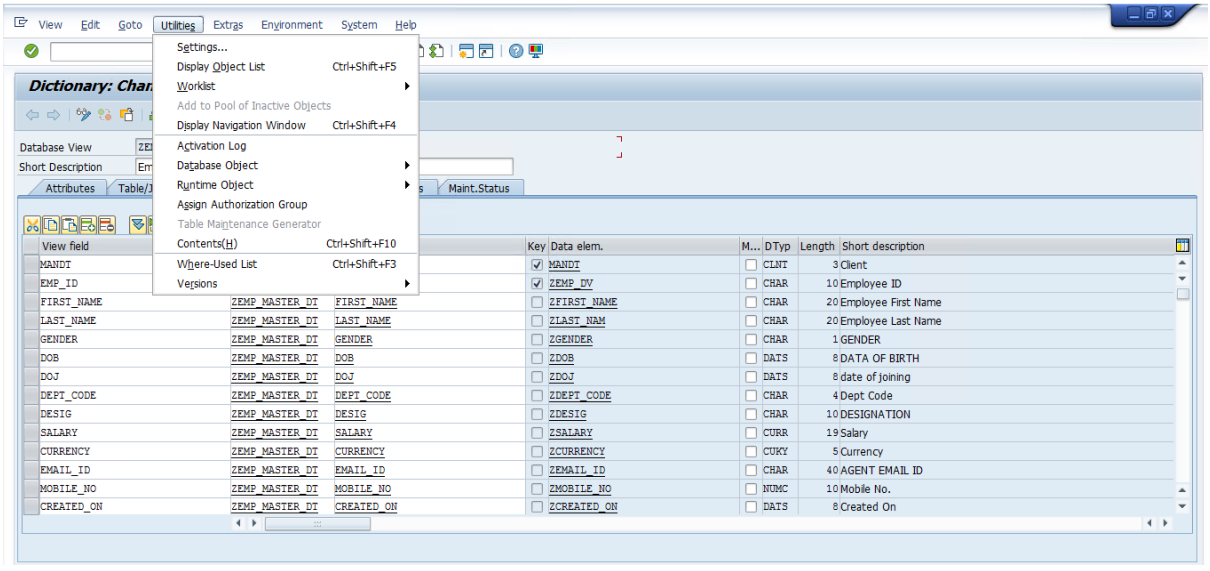


- **Fill The Basis Table -> ZEMP_MASTER_DT**

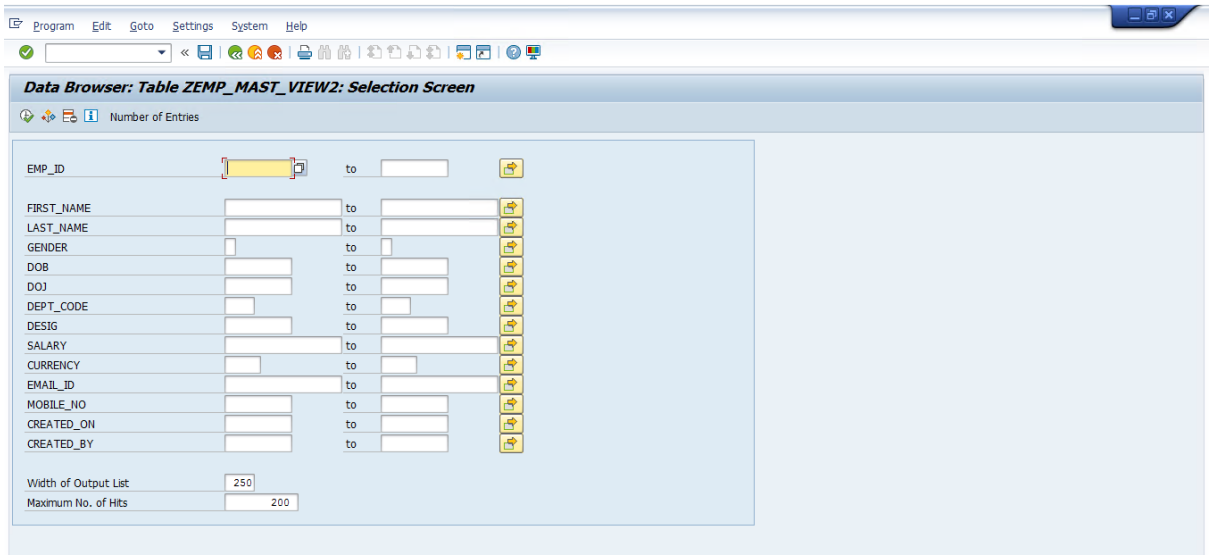


- **NOTE CREATE TMG Database View (All Ready Disable)**

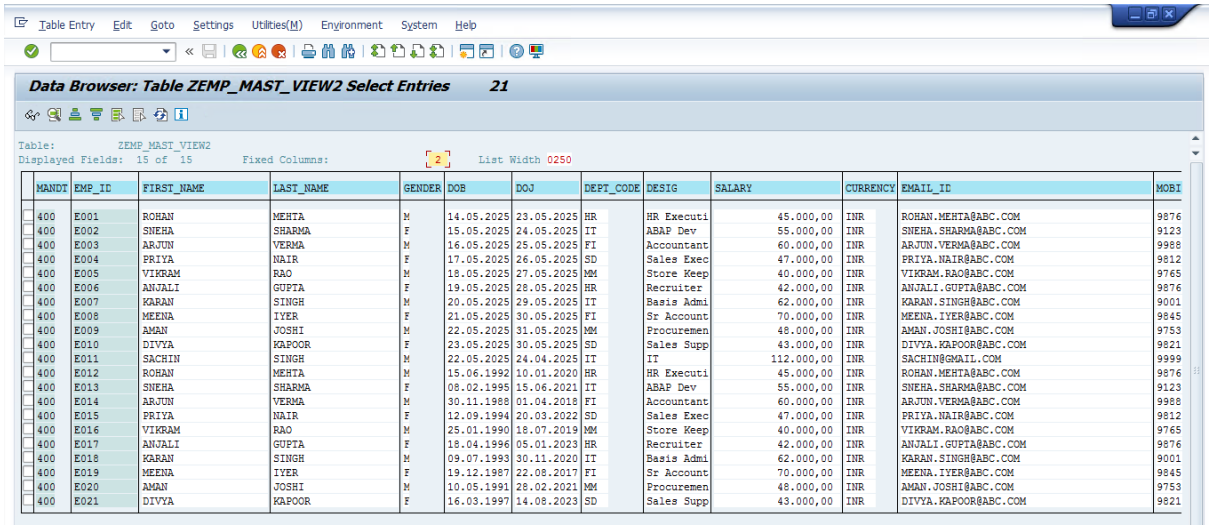
Go To -> Utilities -> Table Maintenance Generator -> Disable



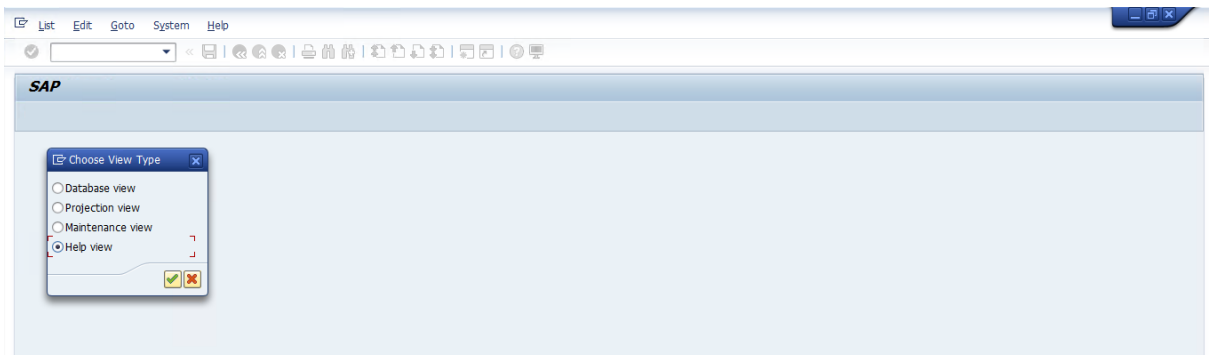
- **Click The Contents Show the Database View Table**



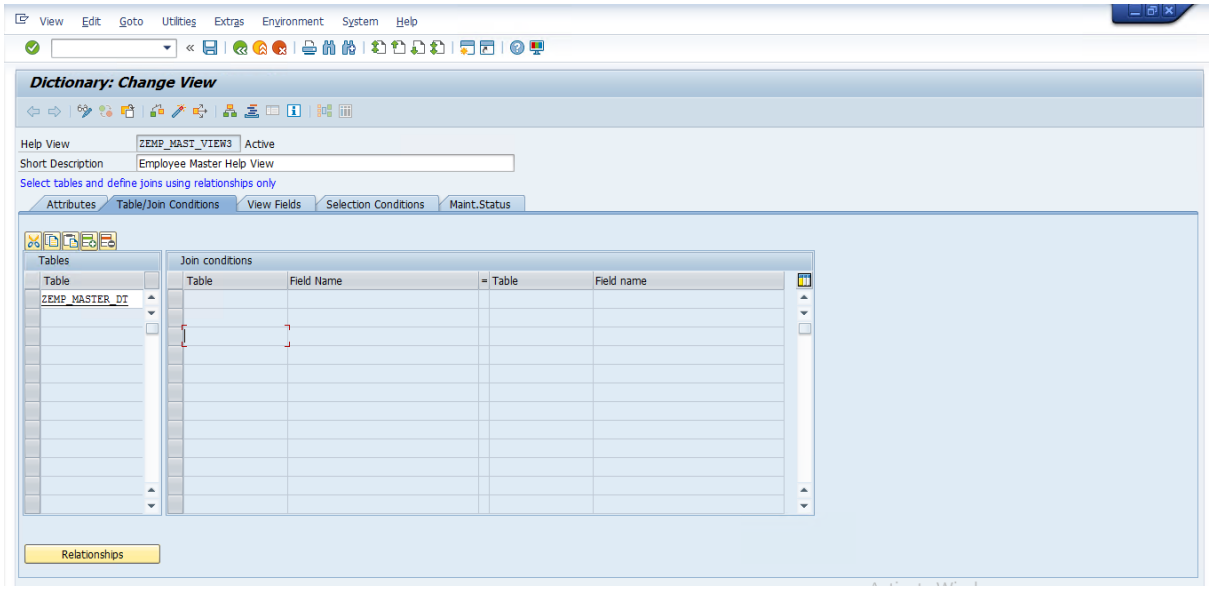
- **Click Execute Button Show the Result**



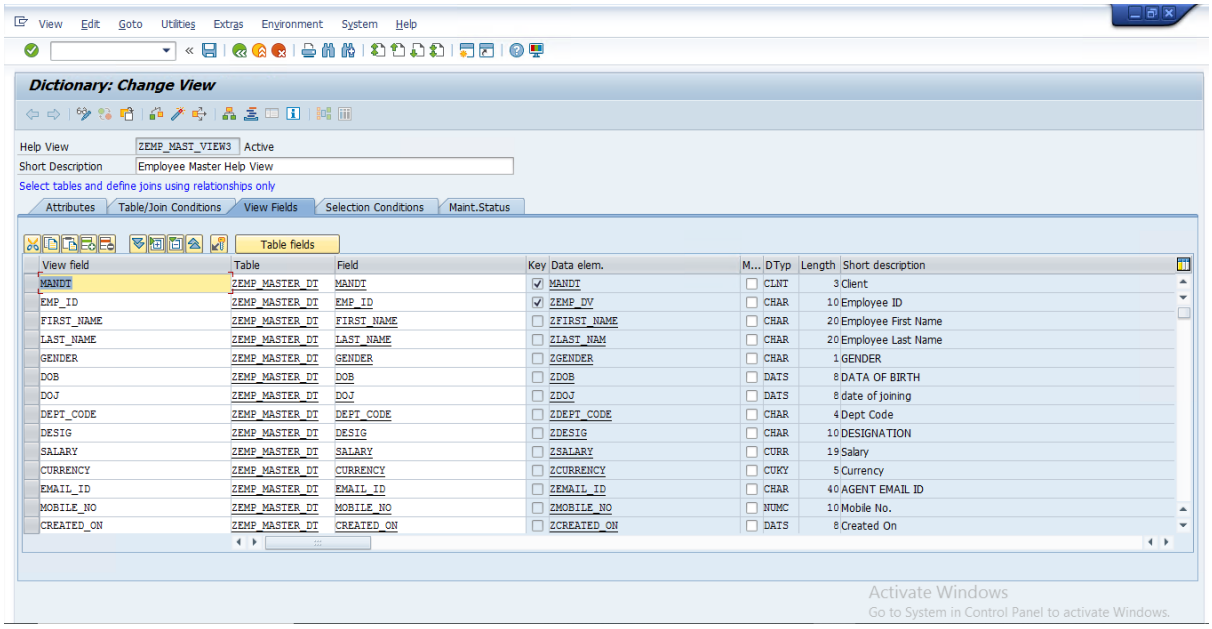
- **Help View**



- **Help View First Step**

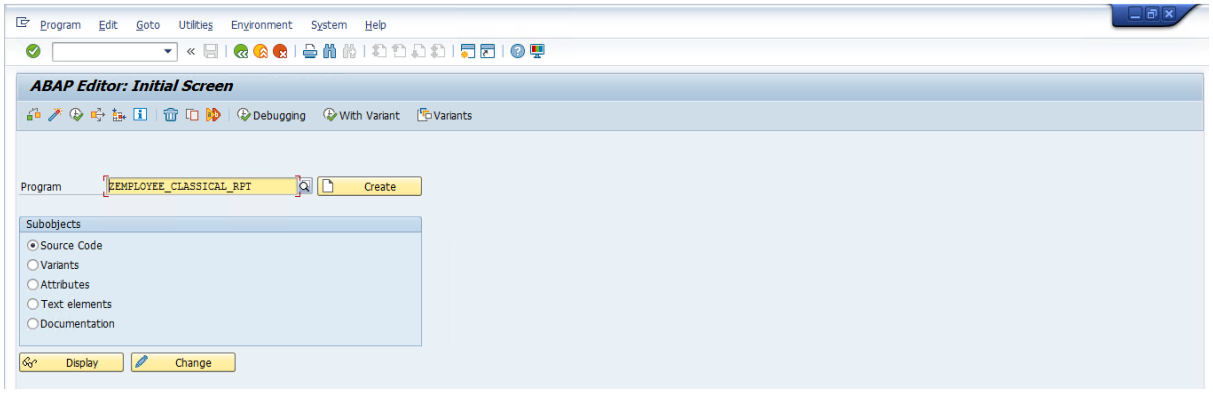


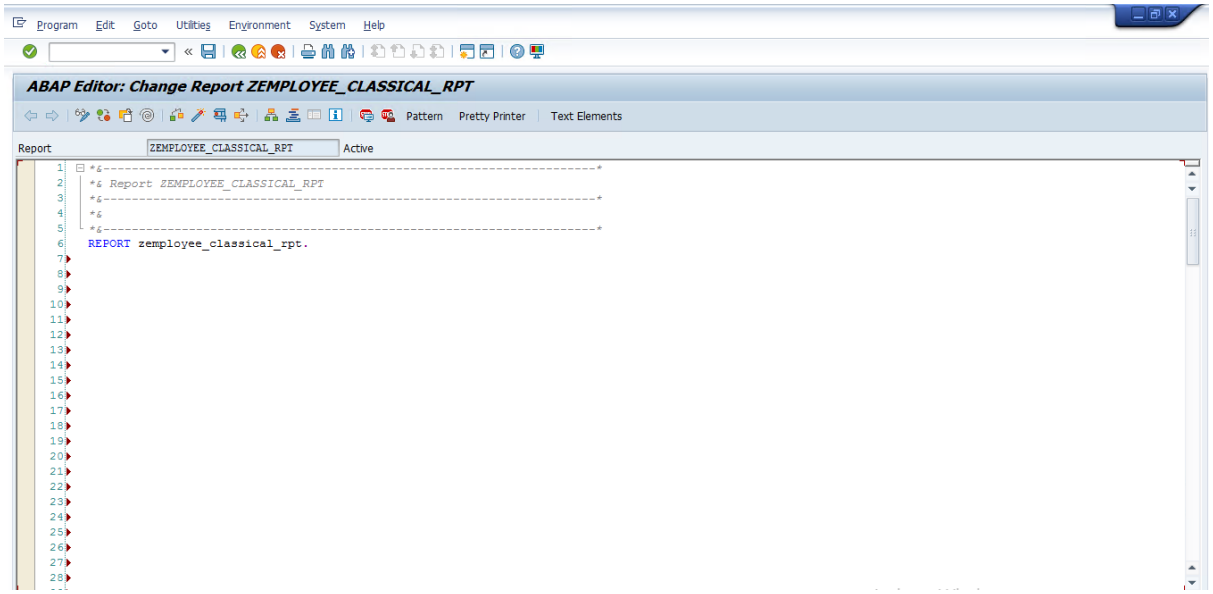
- **Help View Second Step**



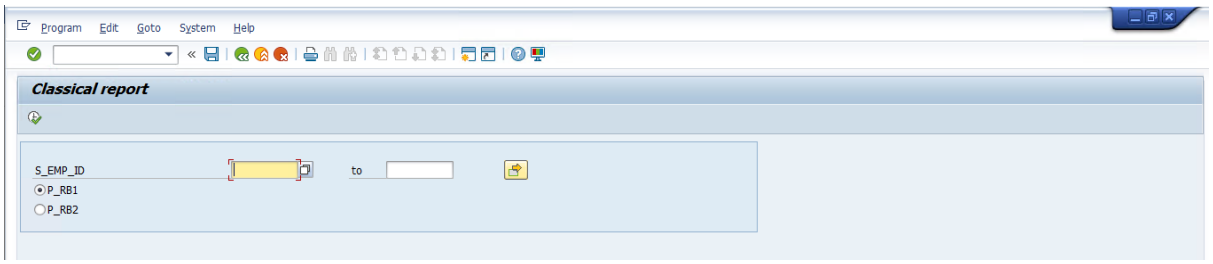
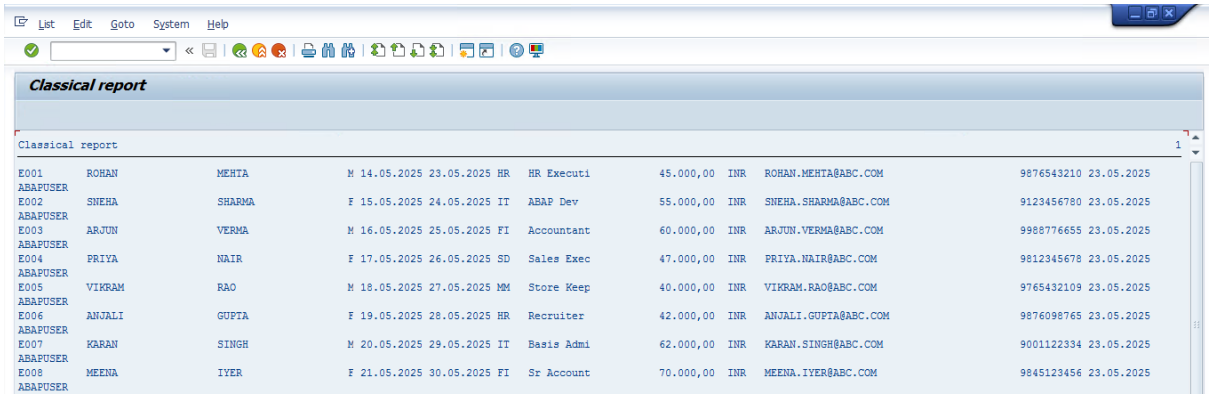
- **CLASSICAL REPORT GET THE DATA SINGLE TABLE**

GO TO - > T Code -> SE38 -> ABAP Editor -> Radio Button Check -> Source Code-> Fill Report Name






```
*&---------------------------------------------------------------------*
*& Report ZEMPLOYEE_CLASSICAL_RPT
*&---------------------------------------------------------------------*
*&
*&---------------------------------------------------------------------*
REPORT zemployee_classical_rpt.
```

```
TABLES : zemp_master_dt.

TYPES : BEGIN OF Ty_ZEMP_MASTER_DT,
          emp_id     TYPE zemp_master_dt-emp_id,
          first_name TYPE zemp_master_dt-first_name,
          last_name  TYPE zemp_master_dt-last_name,
          gender     TYPE zemp_master_dt-gender,
          dob        TYPE zemp_master_dt-dob,
          doj        TYPE zemp_master_dt-doj,
          dept_code  TYPE zemp_master_dt-dept_code,
          desig      TYPE zemp_master_dt-desig,
          salary     TYPE zemp_master_dt-salary,
          currency   TYPE zemp_master_dt-currency,
          email_id   TYPE zemp_master_dt-email_id,
          mobile_no  TYPE zemp_master_dt-mobile_no,
          created_on TYPE zemp_master_dt-created_on,
          created_by TYPE zemp_master_dt-created_by,
        END OF ty_zemp_master_dt.


DATA: it_ZEMP_MASTER_DT TYPE TABLE OF ty_ZEMP_MASTER_DT,
      Wa_ZEMP_MASTER_DT TYPE ty_zemp_master_dt.


SELECTION-SCREEN: BEGIN OF BLOCK B1 WITH FRAME TITLE text-001.

SELECT-OPTIONS: s_EMP_ID FOR zemp_master_dt-emp_id.
PARAMETERS: p_rb1 RADIOBUTTON GROUP A.
PARAMETERS: P_rb2 RADIOBUTTON GROUP A.

SELECTION-SCREEN END OF BLOCK B1.

IF p_rb1 = 'X' AND s_emp_id IS NOT INITIAL.

  SELECT emp_id
  first_name
       last_name
       gender
       dob
       doj
       dept_code
       desig
       salary
       currency
       email_id
       mobile_no
       created_on
       created_by

  FROM zemp_master_dt
  INTO TABLE it_zemp_master_dt.

ELSEIF p_rb2 = 'X'.
   SELECT emp_id
  first_name
       last_name
       gender
```

```
        dob
        doj
        dept_code
        desig
        salary
        currency
        email_id
        mobile_no
        created_on
        created_by

  FROM zemp_master_dt
  INTO TABLE it_zemp_master_dt.
  ELSE.
  write:/ 'no data found'.
ENDIF.

LOOP AT it_zemp_master_dt INTO wa_zemp_master_dt.

  WRITE : / wa_zemp_master_dt-emp_id,
  wa_zemp_master_dt-first_name,
     wa_zemp_master_dt-last_name,
     wa_zemp_master_dt-gender,
     wa_zemp_master_dt-dob,
     wa_zemp_master_dt-doj,
     wa_zemp_master_dt-dept_code,
     wa_zemp_master_dt-desig,
     wa_zemp_master_dt-salary,
     wa_zemp_master_dt-currency,
     wa_zemp_master_dt-email_id,
     wa_zemp_master_dt-mobile_no,
     wa_zemp_master_dt-created_on,
     wa_zemp_master_dt-created_by.

ENDLOOP.
```