

## How to Create an ABAP Program in SAP

In this tutorials, you will learn what are the important pre requisites to create an ABAP program in [SAP](#) and how to create SAP ABAP program step by step.

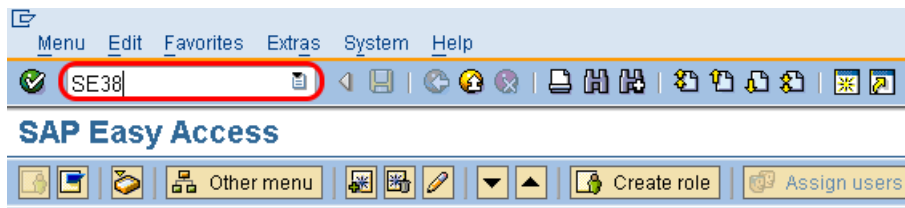
### Pre-requisites to create SAP ABAP Program

1. Name: The program name of SAP Abap should start with a letter Z or Y because, A to X letters are reserved for SAP programs.
2. Title: Under title, you need to update the description of an ABAP program.
3. Type: Type of program – Executable program, Include Program, Module Pool Program, etc.
4. Package: It refers to folder, where the SAP Abap program can be stored and created.

In real time scenarios, the packages are maintained as per modules and sub modules and not for individual programs.

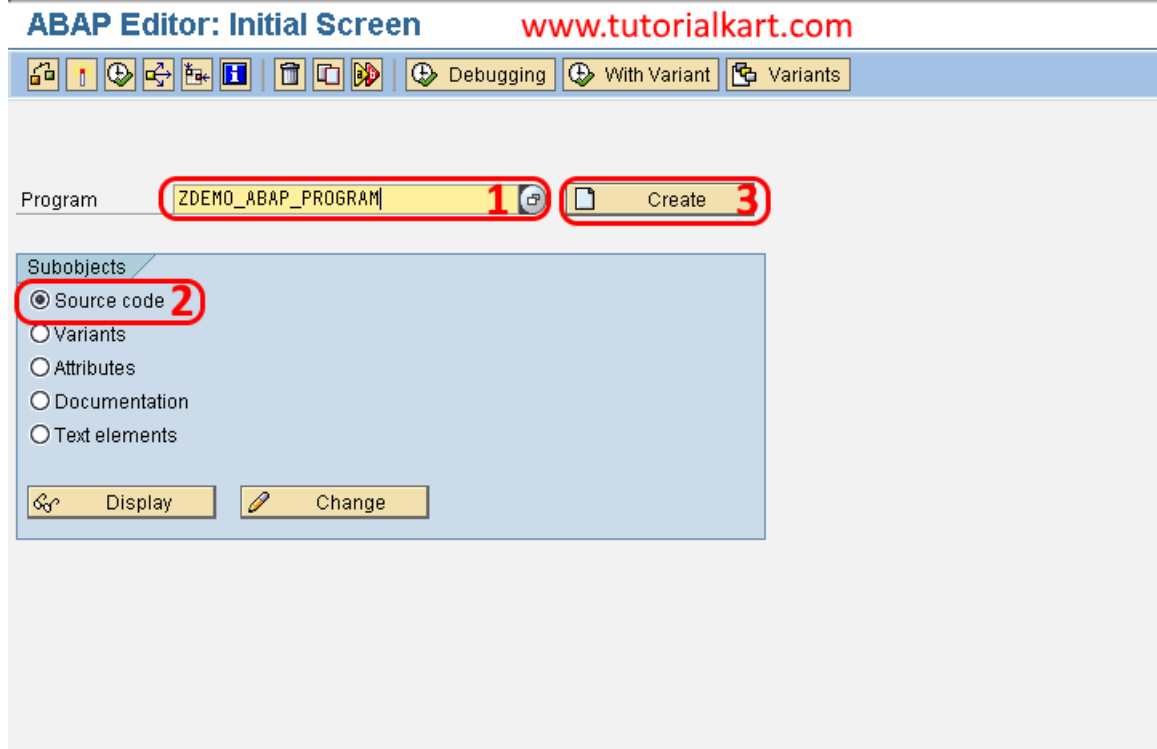
### How to Create an ABAP Program in SAP

**Step 1:** Enter the transaction code “[SE38](#)” in the SAP command field.



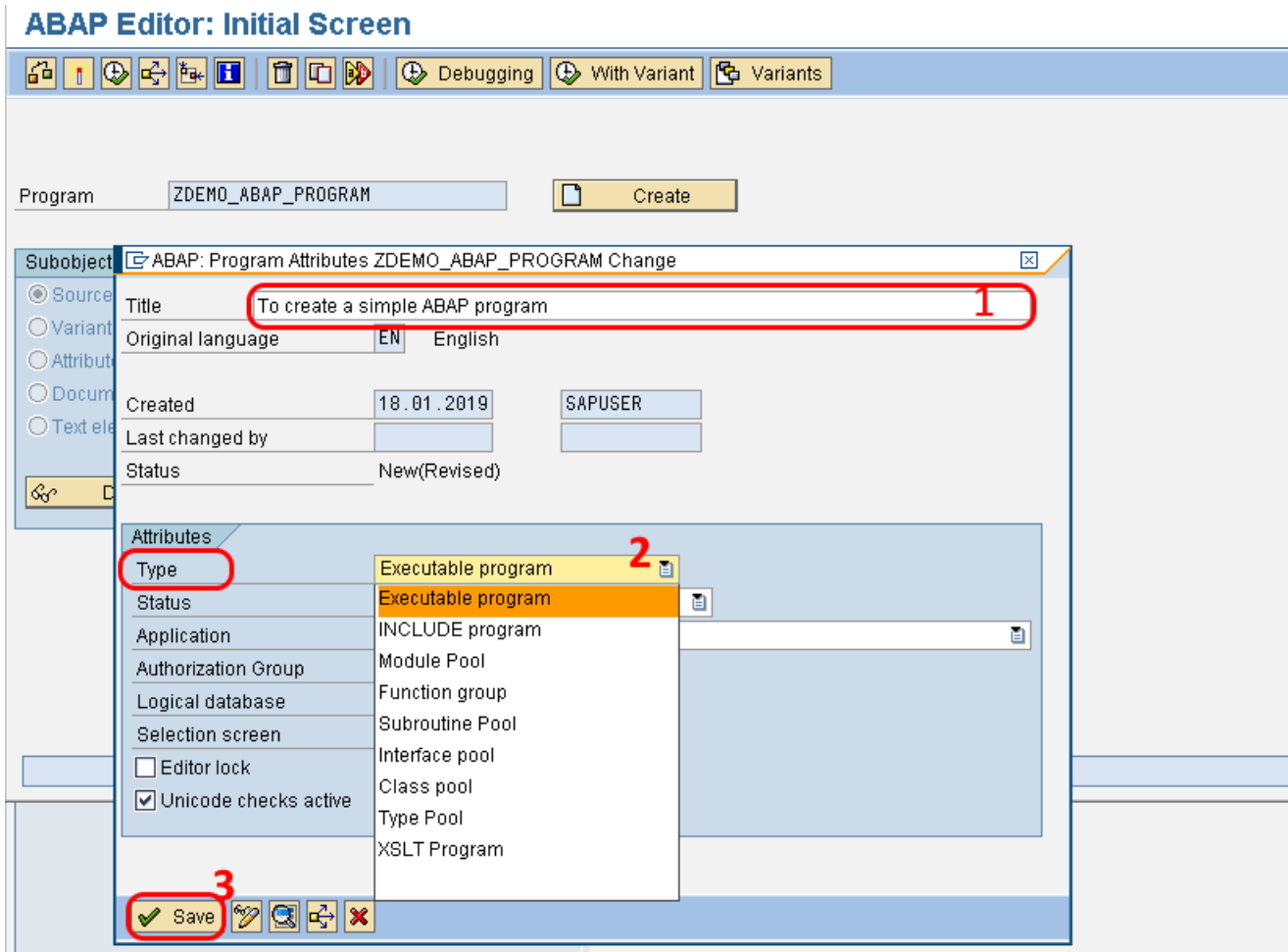
**Step 2:** ABAP Editor – Initial Screen appears on the screen. Now enter the following details

- Program: Enter the name of program name in the given box.
- Sub Objects: Choose the source code in the sub-objects.
- Now click on create button to create a new SAP ABAP program.



**Step 3:** A screen “ABAP Program Attributes ZDEMO\_ABAP\_Program change” opens. Enter the following details.

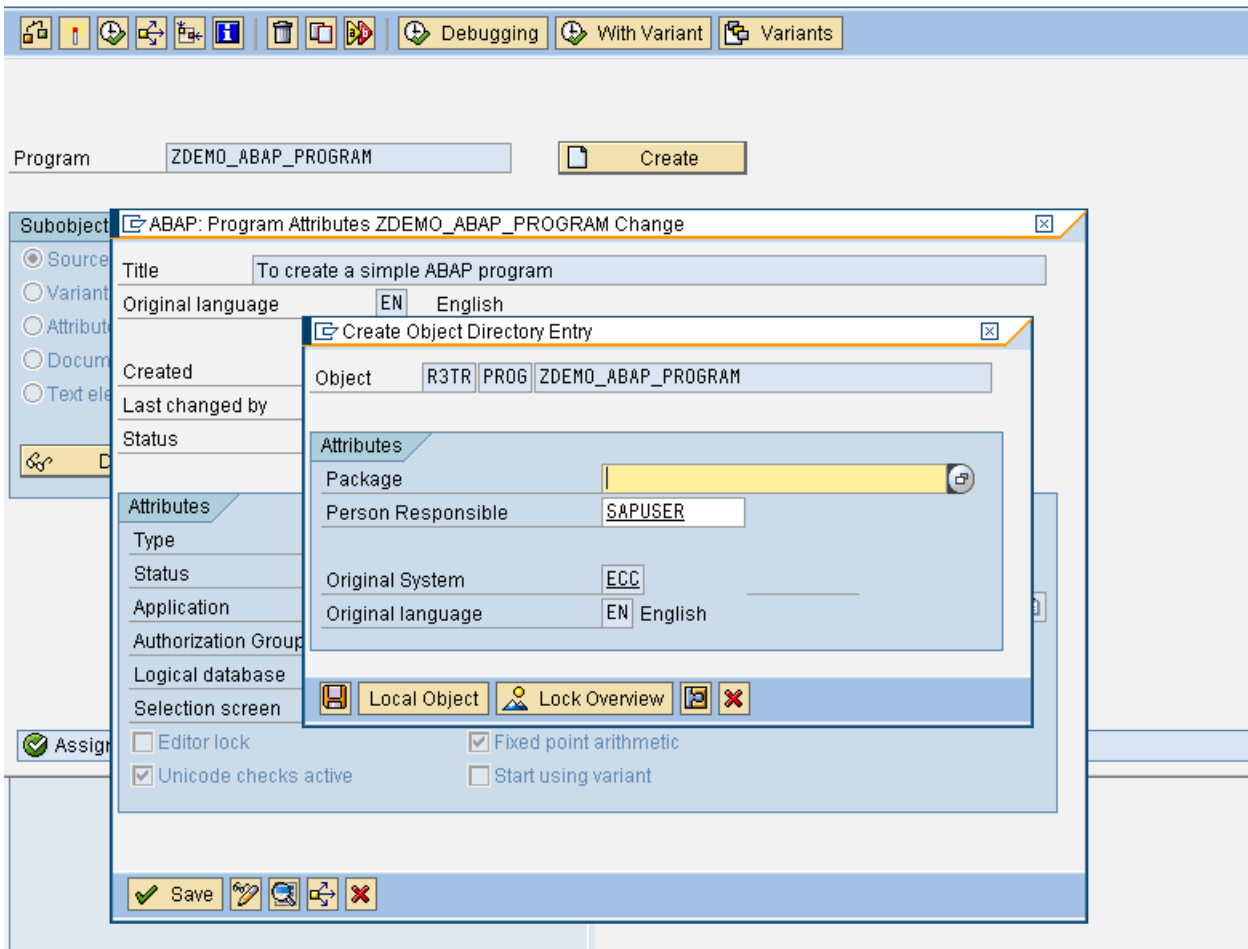
- Title: Update the title of ABAP program
- Type: Update the type of program as “Executable Program” which can be tested independently.
- After entering all the details for ABAP program, click on save icon



**Step 4:** A pop up screen displays “create object directory entry ” click on the local object option.

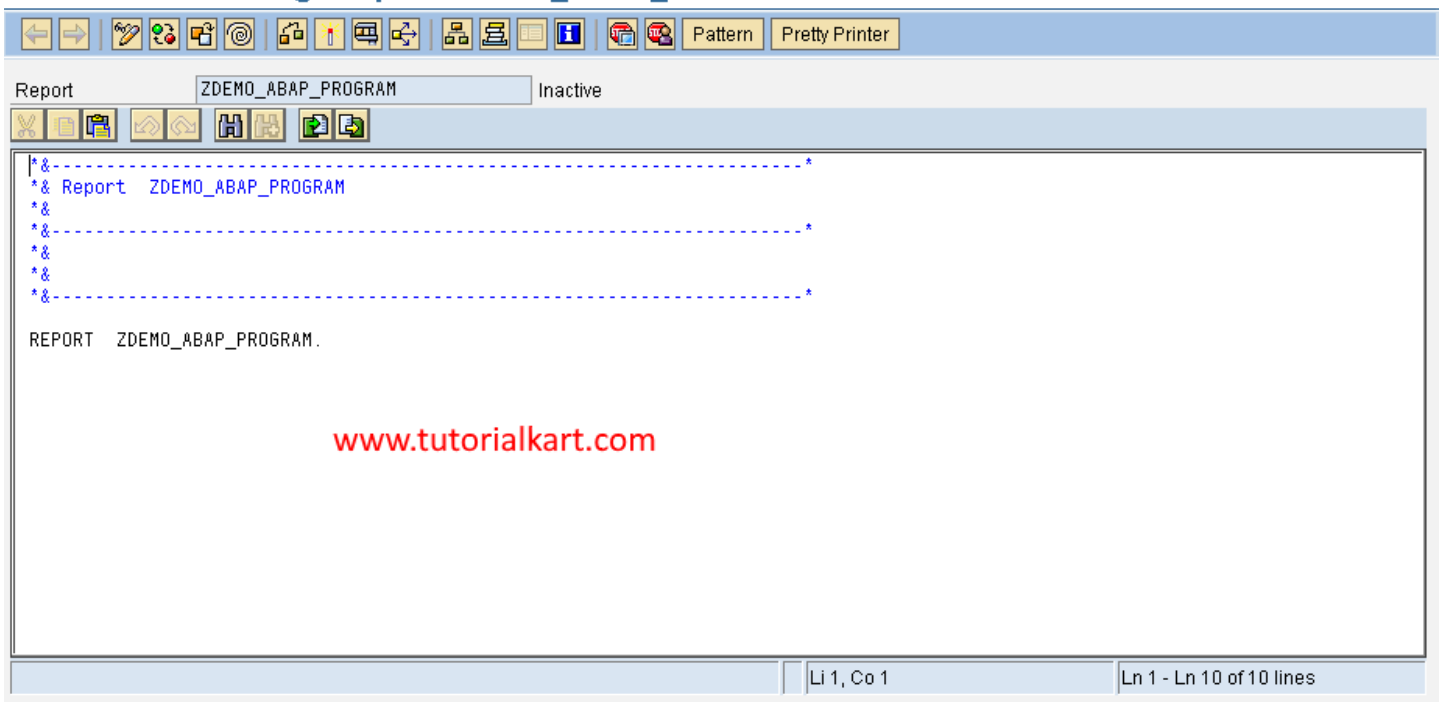
In Real time, we never select as local object to save the ABAP program ( it is not transportable from development to quality and quality to production).

### ABAP Editor: Initial Screen



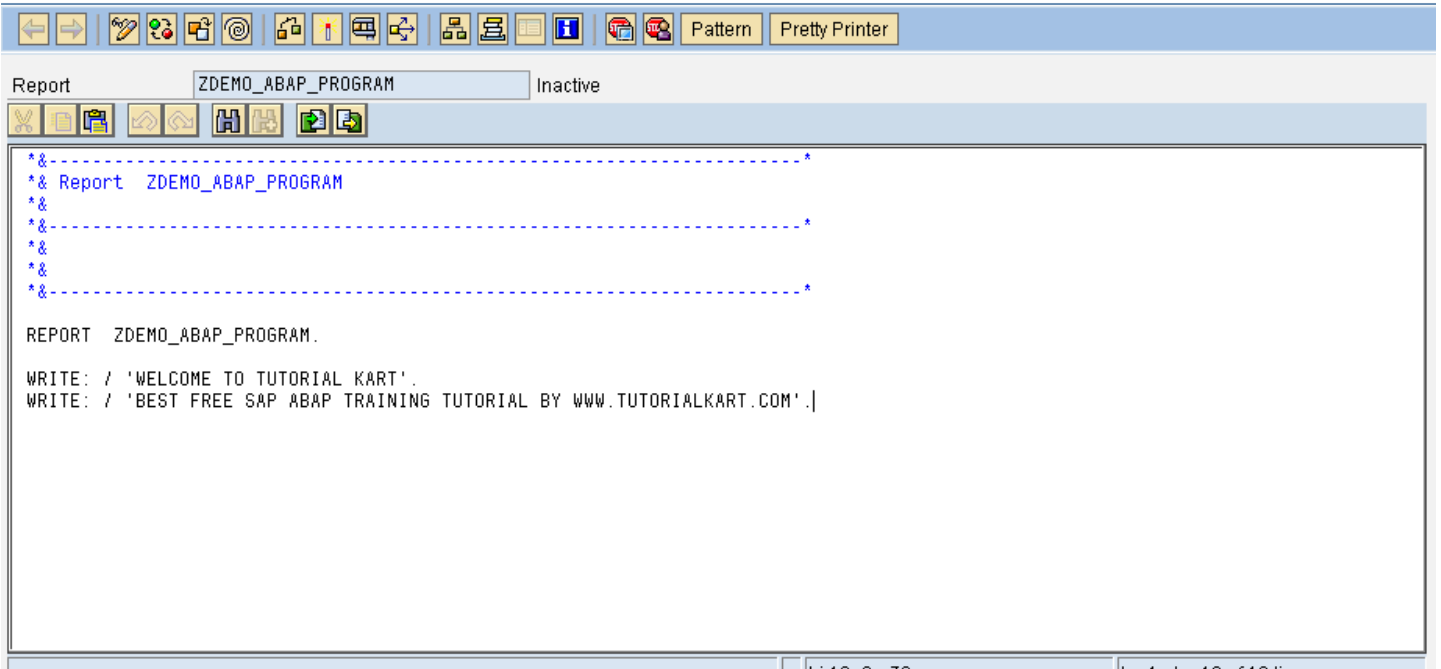
Now the ABAP Editor for the current program ZDEMO\_ABAP\_PROGRAM open as follows.

### ABAP Editor: Change Report ZDEMO\_ABAP\_PROGRAM



Write the simple program as follows.

### ABAP Editor: Change Report ZDEMO\_ABAP\_PROGRAM

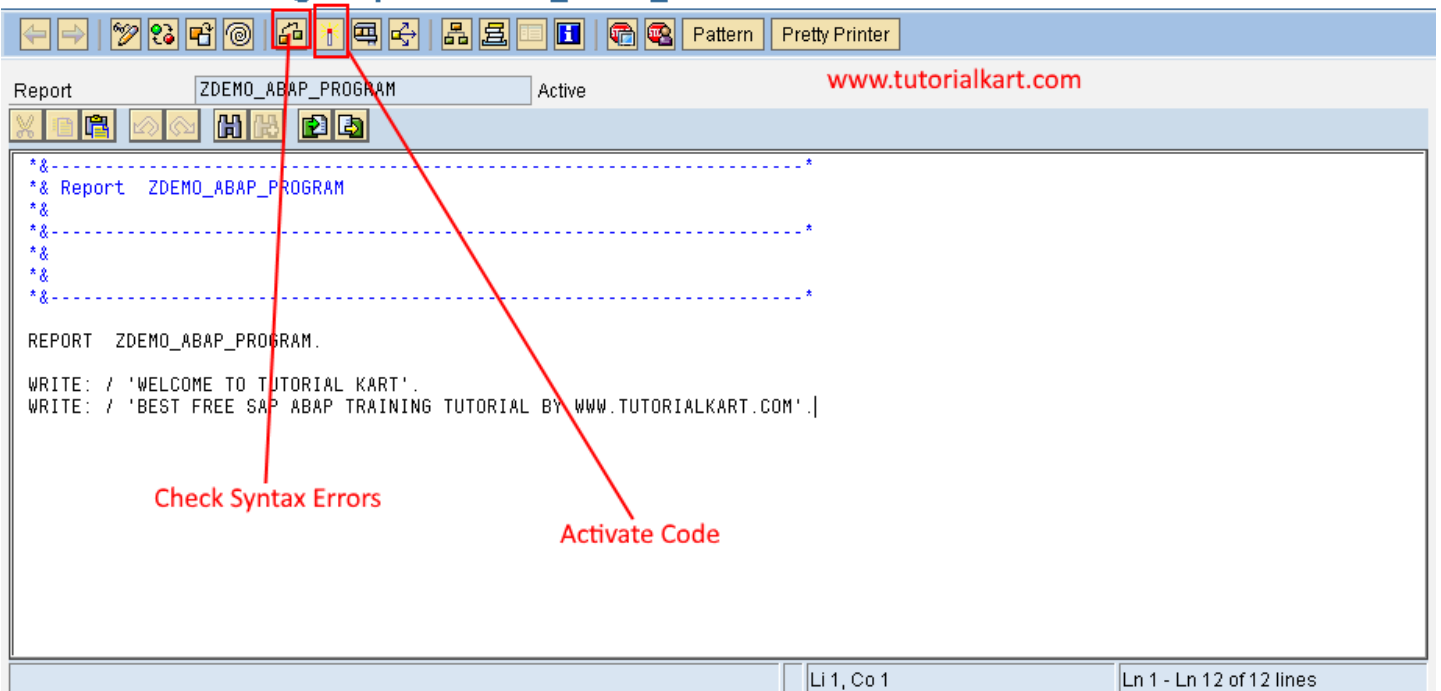


After program source code is done, click on save icon or ctrl+s to save the ABAP program.

To check the ABAP source code syntax errors, press ctrl+ f2 or choose icon check

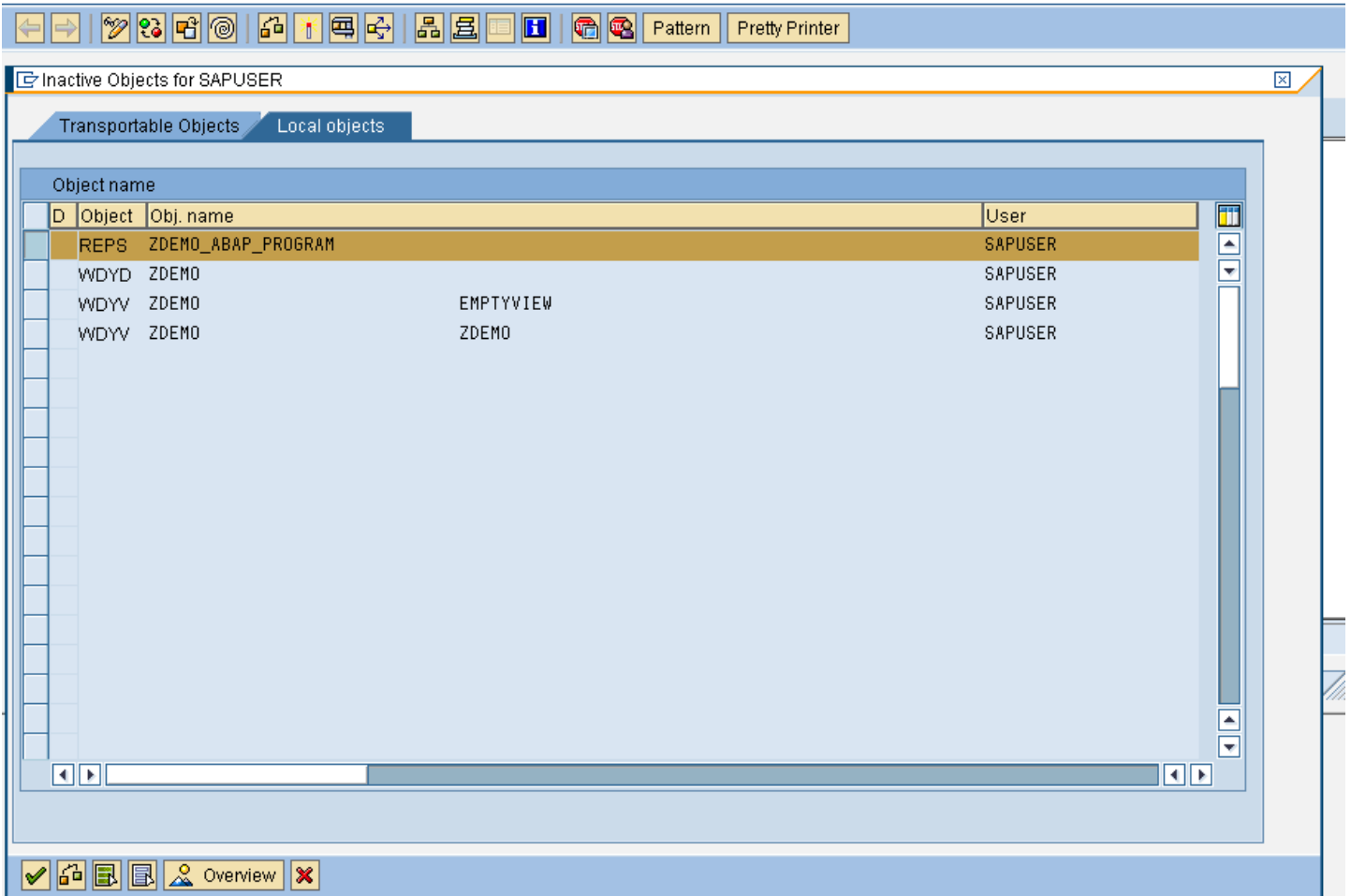
To activate the ABAP program, click on activate icon or ctrl+f3.

### ABAP Editor: Change Report ZDEMO\_ABAP\_PROGRAM



After activating the program, you get the following screen. Now press enter to continue

## ABAP Editor: Change Report ZDEMO\_ABAP\_PROGRAM



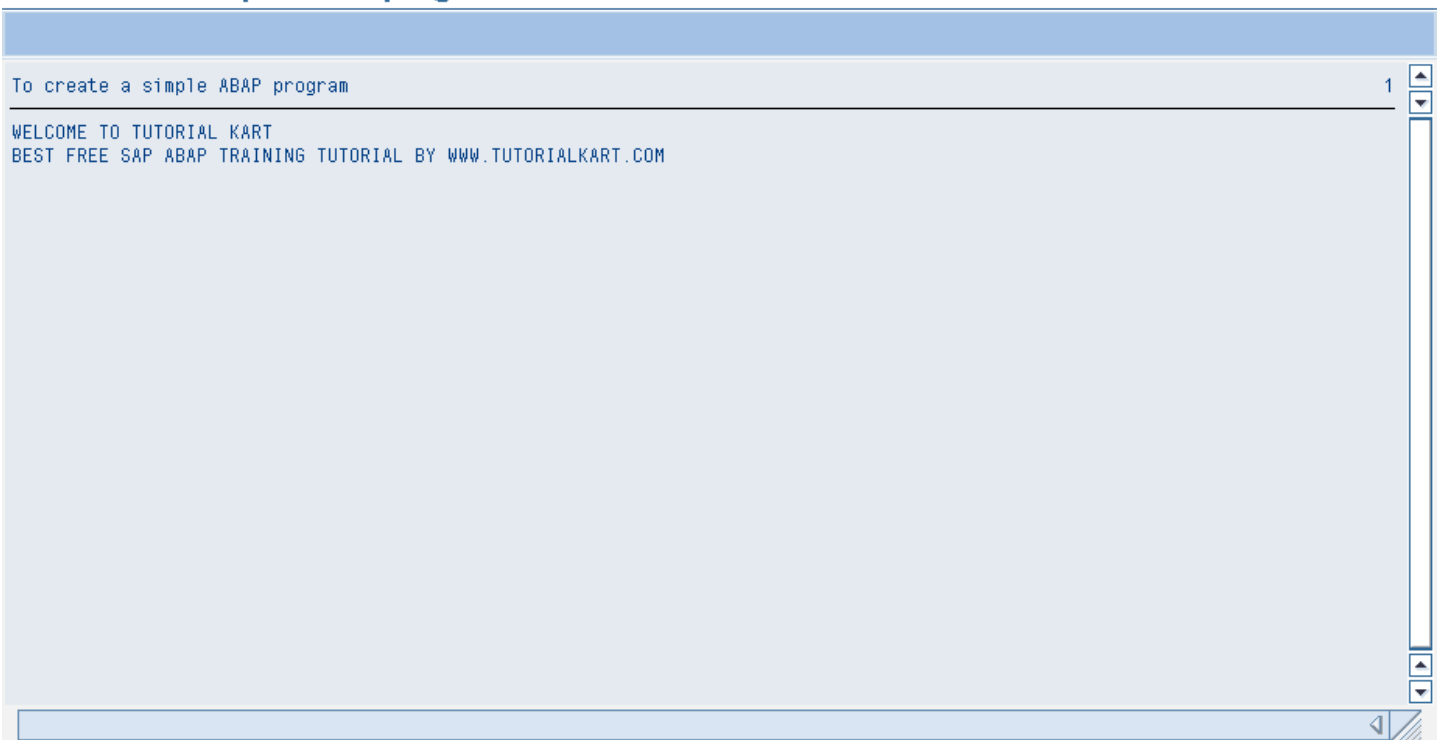
The screenshot shows the 'Inactive Objects for SAPUSER' window in the SAP ABAP Editor. The window has a toolbar at the top with various icons and buttons like 'Pattern' and 'Pretty Printer'. Below the toolbar, there are tabs for 'Transportable Objects' and 'Local objects'. The main area contains a table with the following data:

D	Object	Obj. name	User	
	REPS	ZDEMO_ABAP_PROGRAM	SAPUSER	
	WDYD	ZDEMO	SAPUSER	
	WDYV	ZDEMO	EMPTYVIEW	SAPUSER
	WDYV	ZDEMO	ZDEMO	SAPUSER

To run the ABAP program, press the function key F8 or click on the icon direct processing.

The output of an ABAP program displays as follows

### To create a simple ABAP program



The screenshot shows the output of a simple ABAP program in the SAP ABAP Editor. The window title is 'To create a simple ABAP program'. The output text is as follows:

```
To create a simple ABAP program
WELCOME TO TUTORIAL KART
BEST FREE SAP ABAP TRAINING TUTORIAL BY WWW.TUTORIALKART.COM
```

Successfully we have created new abap program in SAP and executed.

## SAP ABAP

▸ [SAP ABAP Tutorial](#)

## SAP ABAP Basics

▸ [SAP ABAP Overview](#)

▸ [SAP ABAP operators](#)

▸ [SAP ABAP Keywords](#)

▸ [SAP ABAP Program structure](#)

▸ [SAP ABAP Syntax](#)

▸ [SAP ABAP WorkBench](#)

## SAP ABAP Dictionary

▸ [SAP ABAP data dictionary overview](#)

▸ [SAP ABAP Views](#)

▸ [SAP ABAP data types](#)

▸ [SAP ABAP database tables](#)

▸ [SAP ABAP create database tables](#)

▸ [SAP ABAP domains](#)

▸ [SAP ABAP data elements](#)

▸ [SAP ABAP Indexes](#)

## SAP ABAP Internal Tables

▸ [SAP ABAP - Overview of internal tables](#)

▸ [SAP ABAP Internal Table Operators](#)

▸ [SAP ABAP - Create Internal Table](#)

## SAP ABAP Programming

▸ [SAP ABAP - Create an ABAP Program](#)

## SAP TCodes

▸ [SAP TCodes](#)