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KELAS: D4 TI 3A
RPL 2

“Laporan Praktikum Basic Syntax Dalam ABAP”

1. Membuat Program Translate (Z1194012_SYNTAXTRANSLATE)

The image shows two screenshots from the SAP ABAP development environment. The top screenshot shows the initial program creation screen for 'Z1194012_SYNTAXTRANSLATE'. The 'Subobjects' section has 'Source Code' selected. The bottom screenshot shows the 'Program Attributes' configuration screen for the same program. The title is 'Program Syntax Translate', the original language is 'EN' (English), and the creation date is '03.11.2021'. In the 'Attributes' section, the type is 'Executable program', status is 'Test Program', and application is 'Sales'. The 'Unicode Checks Active' checkbox is checked, and 'Fixed point arithmetic' is also checked.

Program: Z1194012_SYNTAXTRANSLATE [Create]

Subobjects

- ☒ Source Code
- ☐ Variants
- ☐ Attributes
- ☐ Documentation
- ☐ Text elements

[Display] [Change]

ABAP: Program Attributes Z1194012_SYNTAXTRANSLATE Change

Title: Program Syntax Translate

Original Language: EN | English

Created: 198C40A-10 | 03.11.2021

Last Changed:

Status:

Attributes

Type: Executable program

Status: Test Program

Application: Sales

Authorization Group:

Logical database:

Selection screen:

☐ Editor lock ☒ Fixed point arithmetic

☒ Unicode Checks Active ☐ Start using variant

[Save] [Copy] [Find] [Print] [Close]

ABAP Editor: Display Report Z1194012_SYNTAXTRANSLATE

Report **Z1194012_SYNTAXTRANSLATE** Active

```

1  *g-----
2  *g Report  Z1194012_SYNTAXTRANSLATE
3  *g
4  *g-----
5  *g
6  *g
7  *g-----
8
9  REPORT Z1194012_SYNTAXTRANSLATE.
10 DATA text TYPE STRING.
11 text = 'basic syntax pertama'.
12 translate text to upper case.
13
14 write text.

```

ABAP | Ln 14 Col 12

Active object generated

<

SAP

Program Syntax Translate

✓

Cancel

More >

Program Syntax Translate

BASIC SYNTAX PERTAMA

2. Membuat Program Shift (Z1194012_SYNTAXSHIFT)

SAP ABAP Editor: Initial Screen

Program

Subobjects

☒ Source Code
☐ Variants
☐ Attributes
☐ Documentation
☐ Text elements

ABAP: Program Attributes Z1194012_SYNTAXSHIFT Change

Title

Original Language English

Created 03.11.2021

Last Changed

Status

Attributes

Type

Status

Application

Authorization Group

Logical database

Selection screen

☐ Editor lock ☒ Fixed point arithmetic
☒ Unicode Checks Active ☐ Start using variant

Create Object Directory Entry

Object

Attributes

Package

Person Responsible

Original System

Original language English

Created On

ABAP Editor: Change Report Z1194012_SYNTAXSHIFT

Report: Z1194012_SYNTAXSHIFT Inactive

```

1  *-----*
2  * Report  Z1194012_SYNTAXSHIFT
3  *-----*
4  *
5  *
6  *-----*
7  *
8  *
9  REPORT Z1194012_SYNTAXSHIFT.
10

```

Inactive Objects for 19BC40A-10

D. Object	Obj. name	User
<input type="checkbox"/>	REPS Z1174017_CALC_I	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_CALC_P	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_COMPUTE	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_GS	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_LIST_1	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_SCREEN_1	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_SELECT_SFLIGHT	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_SELECT_SFLIGHT_ITAB	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGAS2	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGAS3	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGAS4	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGASNO3	19BC40A-10
<input checked="" type="checkbox"/>	REPS Z1194012_SYNTAXSHIFT	19BC40A-10
<input type="checkbox"/>	REPS Z_1194012_ENILES_COPY1	19BC40A-10
<input type="checkbox"/>	REPS Z_1194012_ENI_P2_BASICSYNTEX	19BC40A-10
<input type="checkbox"/>	REPS Z_1194012_ENI_P2_BS	19BC40A-10
<input type="checkbox"/>	REPS Z_SUBROUTINE_1174017_01	19BC40A-10
<input type="checkbox"/>	DYNP Z1174017_SCREEN_1	19BC40A-10

Overview

ABAP Editor: Change Report Z1194012_SYNTAXSHIFT

Report: Z1194012_SYNTAXSHIFT Active

```

1  *-----*
2  * Report  Z1194012_SYNTAXSHIFT
3  *-----*
4  *
5  *
6  *-----*
7  *
8  *
9  REPORT Z1194012_SYNTAXSHIFT.
10 WRITE 'this is abap tutorial shift'.
11 ULINE.
12 DATA text TYPE string VALUE 'this is abap tutorial shift'.
13 SHIFT text UP TO ' abap 'LEFT CIRCULAR.
14 WRITE text.
15

```

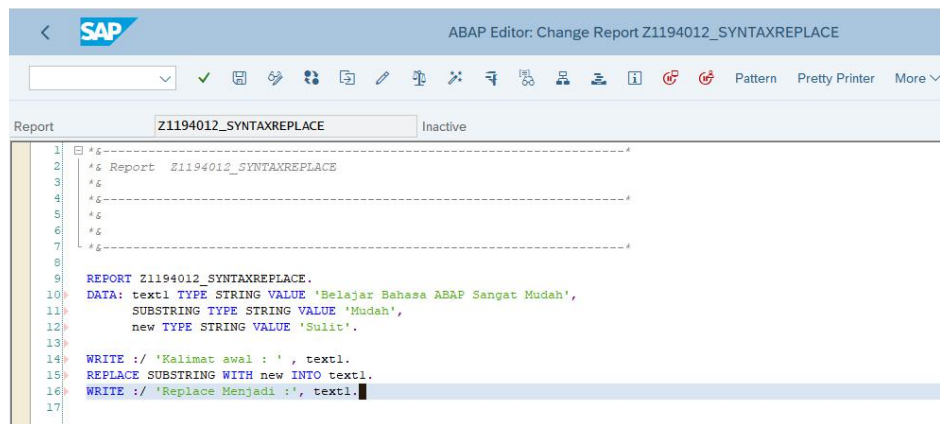
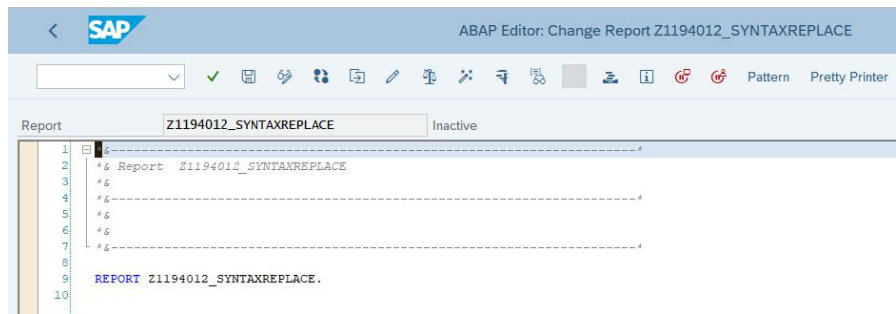
Maka hasilnya seperti dibawah ini

Program Syntax Shift

this is abap tutorial shift

abap tutorial shiftthis is

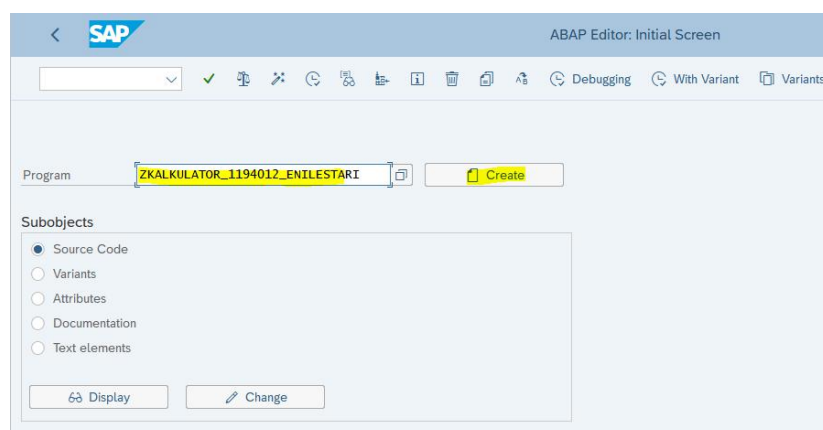
3. Membuat Program Replace (1194012_SYNTAXREPLACE)



Maka hasilnya seperti dibawah ini.



4. Membuat Kalkulator (ZKALKULATOR_1194012_ENILESTARI)



ABAP: Program Attributes ZKALKULATOR_1194012_ENILESTARI Change

Title	Program Katkulator	
Original Language	EN English	
Created	19BC40A-10	03.11.2021
Last Changed		
Status		

Attributes

Type	Executable program	
Status	Test Program	
Application	Sales	
Authorization Group		
Logical database		
Selection screen		
<input type="checkbox"/> Editor lock	<input checked="" type="checkbox"/> Fixed point arithmetic	
<input checked="" type="checkbox"/> Unicode Checks Active	<input type="checkbox"/> Start using variant	

Save

Create Object Directory Entry

Object	R3TR	PROG	ZKALKULATOR_1194012_ENILESTARI
--------	------	------	--------------------------------

Attributes

Package	Z_1194012_ENILESTARI	
Person Responsible	19BC40A-10	
Original System	EG1	
Original Language	EN English	
Created On		

Local Object

Lock Overview

ABAP Editor: Change Report ZKALKULATOR_1194012_ENILESTARI

Report

ZKALKULATOR_1194012_ENILESTARI

Inactive

```
1  *-----*
2  * Report  ZKALKULATOR_1194012_ENILESTARI
3  *
4  *
5  *
6  *
7  *-----*
8
9  REPORT ZKALKULATOR_1194012_ENILESTARI.
10
```

```

1  *-----*
2  * Report: ZKALKULATOR_1194012_ENILESTARI
3  *
4  *-----*
5  *
6  *
7  *
8  *
9  REPORT ZKALKULATOR_1194012_ENILESTARI.
10 DATA: out_hasil(5) TYPE p DECIMALS 2.
11 PARAMETERS: pa_num1(6) TYPE c,
12             pa_num2(6) TYPE c,
13             oper TYPE c.
14
15 CASE oper.
16 WHEN '*' . "Operasi Perkalian
17   out_hasil = pa_num1 * pa_num2.
18 WHEN '+' . "Operasi Penjumlahan
19   out_hasil = pa_num1 + pa_num2.
20 WHEN '-' . "Operasi Pengurangan
21   out_hasil = pa_num1 - pa_num2.
22 WHEN '/' . "Operasi Pembagian
23   out_hasil = pa_num1 / pa_num2.
24 WHEN OTHERS.
25   ENDCASE.
26 WRITE :/ pa_num1, oper, pa_num2, '=', out_hasil.

```

Name	Text	Dictionary ref.
OPER	Operasi	
PA_NUM1	Bilangan 1	
PA_NUM2	Bilangan 2	

Maka hasil nya seperti ini.

Program Kalkulator

Bilangan 1:

Bilangan 2:

Operasi:

5. Membuat Staticvar (Z1194012_ENILESTARI_STATICVAR)

ABAP Editor: Initial Screen

Program: **Z1194012_ENILESTARI_STATICVAR** Create

Subobjects:

- ☒ Source Code
- ☐ Variants
- ☐ Attributes
- ☐ Documentation
- ☐ Text elements

Display Change

Create Object Directory Entry

Object

R3TR

PROG

Z1194012_ENILESTARI_STATICVAR

Attributes

Package

Z_1194012_ENILESTARI

Person Responsible

19BC40A-10

Original System

EG1

Original Language

EN

English

Created On

Local Object

Lock Overview

Inactive Objects for 19BC40A-10

Object name	Obj. name	User
<input type="checkbox"/>	REPS Z1174017_CALC_I	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_CALC_P	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_COMPUTE	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_GS	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_LIST_1	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_SCREEN_1	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_SELECT_SFIGHT	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_SELECT_SFIGHT_ITAB	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGAS2	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGAS3	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGAS4	19BC40A-10
<input type="checkbox"/>	REPS Z1174017_TUGASNO3	19BC40A-10
<input checked="" type="checkbox"/>	REPS Z1194012_ENILESTARI_STATICVAR	19BC40A-10
<input type="checkbox"/>	REPS Z1194012_SYNTAXREPLACE	19BC40A-10
<input type="checkbox"/>	REPS ZKALKULATOR_1194012_ENILESTARI	19BC40A-10
<input type="checkbox"/>	REPS Z_1194012_ENILES_COPY1	19BC40A-10
<input type="checkbox"/>	REPS Z_1194012_ENT_P2_BASICSYNTAX	19BC40A-10
<input type="checkbox"/>	REPS Z_1194012_ENT_P2_BS	19BC40A-10

ABAP Editor: Change Report Z1194012_ENILESTARI_STATICVAR

```

1  *-----#
2  *% Report Z1194012_ENILESTARI_STATICVAR
3  *%
4  *%-----#
5  *%
6  *%-----#
7  *%
8
9  REPORT Z1194012_ENILESTARI_STATICVAR.
10 PARAMETERS: NAME(10) TYPE C,
11 CLASS TYPE I,
12 SCORE TYPE P DECIMALS 3,
13 CONNECT TYPE NARA-MATNR.

```

Maka hasilnya seperti berikut.

Static Variable

NAME

CLASS

SCORE

CONNECT