

QUIZ 1



Nama : Alif Fahzlian

NPM : 613220004

Kelas : 2A

Prodi : D3 Teknik Informatika

Mata Kuliah : SAP Lanjutan

Dosen : Saepudin Nirwan, S.Kom., M.Kom.

1. Buat Package dengan nama Z##_QUIZ_1 , Buat Program dengan nama Z##_QUIZ_1, buat transaksi dengan nama Z##_QUIZ_1

- Membuat package

Create Package

Package

Z613220004 QUIZ_1

Short Description

QUIZ 1 613220004

Application Component

CA

Software Component

HOME

Transport Layer

ZEG1

Superpackage

Package Type

Development Package

Package encapsulated

☐

✓

✗

i

Prompt for transportable Workbench request

Package

Z613220004 QUIZ_1

Request

EG1K914140

Workbench request

Short Description

ABAP Programming 613220004

✓

✗

Own Requests

✗

Package

Z613220004 QUIZ_1

Saved

Properties

Use Accesses

Package Interfaces

Subpackages

Package Hierarchy

Basic Data

Short Description

QUIZ 1 613220004

Application Component

CA

Cross-Application Components

Person Responsible

19BC40I-03

Created by

19BC40I-03

Created On

27.03.2024

Last Changed By

19BC40I-03

Changed on

27.03.2024

Package Properties


Superpackage

Change


☐ Main Package

☐ Adding further objects not possible

- Membuat program





Create Program




Program


Z613220004_QUIZ_1

☐ Create with TOP Include





ABAP: Program Attributes Z613220004_QUIZ_1 Change



Title

Program Z613220004_QUIZ_1

Original language

EN English

Created

19BC40I-03

27.03.2024

Last Changed

Status

Attributes

Type

Executable program

Status

Test Program

Application

Authorization Group

Logical database

Selection screen


☐ Editor lock

☒ Fixed point arithmetic


☒ Unicode Checks Active

☐ Start using variant

 Save    



Create Object Directory Entry



Object

R3TR


PROG

Z613220004_QUIZ_1

Attributes

Package

Z613220004_QUIZ_1



Person Responsible

19BC40I-03

Original System


EG1

Original language


EN English

Created On

 Local Object  Lock Overview  



Prompt for transportable Workbench request




Program

Z613220004_QUIZ_1





Request

EG1K914140

 Workbench request

Short Description


ABAP Programming 613220004

 Own Requests 


Report Z613220004_QUIZ_1 Inactive

```
1  *&-----
2  *& Report  Z613220004_QUIZ_1
3  *&
4  *&-----
5  *&
6  *&
7  *&-----
8
9  REPORT Z613220004_QUIZ_1.
```

- Membuat transaction



Create Transaction



Transaction code

Transaction attributes

Short text

Start object



☐ Program and screen (dialog transaction)

☒ Program and selection screen (report transaction)

☐ Method of a class (OO transaction)

☐ Transaction with variant (variant transaction)

☐ Transaction with parameters (parameter transaction)

Transaction code

Package

Transaction text

Program

Selection screen

Start with variant

Authorization Object

 Values



Create Object Directory Entry



Object

Attributes


Package

Person Responsible Original System Original language EnglishCreated On


 Local Object

 Lock Overview



Prompt for transportable Workbench request




Transaction

Z613220004_QUIZ_1




Request

EG1K914140


 Workbench request

Short Description

ABAP Programming 613220004

Own Requests



Transaction code

Z613220004_QUIZ_1

Package

Z613220004_QUIZ_1

Transaction text

transaction Z613220004 QUIZ 1

Program


Z613220004_QUIZ_1

Selection screen

1000

Start with variant

Authorization Object

 Values

2. Implementasi program Z##_QUIZ_1 tersebut untuk membuat program yang Menghitung nilai dari sebuah mata kuliah dengan ketentuan sebagai berikut (70):
- Input nama mahasiswa, NPM, dan mata kuliah dilakukan secara dinamis
 - Komponen nilai terdiri dari nilai UTS, QUIZ, TUGAS, UAS yang juga diinput secara dinamis.
 - Prosentase dari masing-masing komponen nilai adalah 25%.
 - Nilai huruf dihitung dengan rumus sebagai berikut:

85 - 100	Dikonversi menjadi huruf mutu A
71 - 84	Dikonversi menjadi huruf mutu B
56 - 70	Dikonversi menjadi huruf mutu C
41 - 55	Dikonversi menjadi huruf mutu D
0 - 40	Dikonversi menjadi huruf mutu E

- e. Contoh output program akhirnya adalah sebagai berikut

NAMA : ARI YANUAR RIDWAN
 NIP : 23408005
 MATA KULIAH : SISTEM ERP II

UTS	QUIZ	TUGAS	UAS	NILAI ANGKA	NILAI HURUF
80	90	70	60	75	B

- Code program

REPORT Z613220004_QUIZ_1.

```
DATA: nama_mahasiswa TYPE string,
      npm TYPE string,
      mata_kuliah TYPE string,
      uts TYPE i,
      quiz TYPE i,
      tugas TYPE i,
      uas TYPE i,
      nilai_angka TYPE i,
      nilai_huruf TYPE string.
```

```
PARAMETERS: p_nm_mhs TYPE string,
            p_npm TYPE string,
            p_matkul TYPE string,
            p_uts TYPE i,
            p_quiz TYPE i,
            p_tugas TYPE i,
            p_uas TYPE i.
```

```
nama_mahasiswa = p_nm_mhs.
npm = p_npm.
mata_kuliah = p_matkul.
uts = p_uts.
quiz = p_quiz.
tugas = p_tugas.
uas = p_uas.
```

```

* Hitung nilai angka
nilai_angka = ( uts + quiz + tugas + uas ) / 4.

* Konversi nilai angka menjadi nilai huruf
IF nilai_angka >= 85 AND nilai_angka <= 100.
    nilai_huruf = 'A'.
ELSEIF nilai_angka >= 71 AND nilai_angka <= 84.
    nilai_huruf = 'B'.
ELSEIF nilai_angka >= 56 AND nilai_angka <= 70.
    nilai_huruf = 'C'.
ELSEIF nilai_angka >= 41 AND nilai_angka <= 55.
    nilai_huruf = 'D'.
ELSE.
    nilai_huruf = 'E'.
ENDIF.

* Output hasil perhitungan
WRITE:/ 'NAMA          :', nama_mahasiswa,
      / 'NPM           :', npm,
      / 'MATA KULIAH :', mata_kuliah,
      / 'UTS          QUIZ      TUGAS      UAS      NILAI ANGKA      NILAI H
URUF',
      / uts, quiz, tugas, uas, nilai_angka, nilai_huruf.

```

- Hasil program

< **SAP** Program Z613220004 QUIZ_1

✓

P_NM_MHS	ALIF FAHZLIAN
P_NPM	613220004
P_MATKUL	SISTEM ERP II
P_UTS	80
P_QUIZ	90
P_TUGAS	70
P_UAS	60

```

Program Z613220004 QUIZ_1
NAMA : ALIF FAHZLIAN
NIP : 613220004
MATA KULIAH : SISTEM ERP II
UTS QUIZ TUGAS UAS NILAI ANGKA NILAI HURUF
      80      90      70      60      75 B

```