

Using Basic Statements

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pluralsight 
hardcore dev and IT training

Overview



Overview



Simple Statements

+



Software Practice

=



Strong Solution

String Operations

String Operations

Substring

Concatenation

Extract Month Part

20131208

20131208

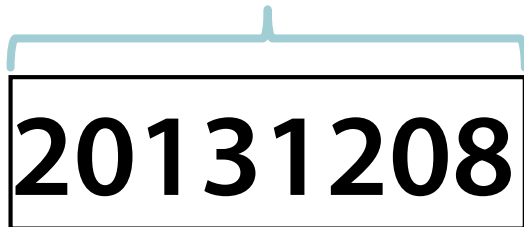
20131208

Substring Operation

field_name[+offset][(length)]

Business Example

sales_date



20131208



0.

Business Example

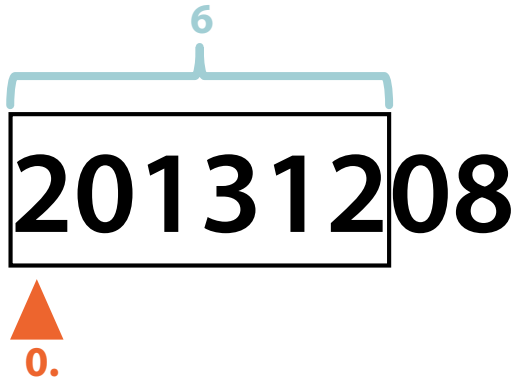
sales_date+2

20131208

The diagram illustrates a date string '20131208'. A light blue bracket is positioned above the digits '131208', which are enclosed in a black rectangular box. Below the first digit of this boxed sequence, '1', there is an orange triangle pointing upwards, with the number '2.' written in orange below it. This indicates an operation to add 2 to the first digit of the month/day portion of the date.

Business Example

sales_date(6)



20131208

The diagram shows the string '20131208'. A light blue bracket above the first six characters '201312' is labeled with a light blue '6'. An orange triangle points to the first character '2', with an orange '0.' below it.

Business Example

`sales_date+4(2)`

20131208

The diagram shows the date 20131208. A light blue bracket is positioned above the '12' (month and day), with a small '2' above it, indicating a 2-day shift. An orange triangle points upwards at the '1' (day), with a '4.' below it, indicating a 4-day shift.

Concatenate Operation

CONCATENATE $c_1 \dots c_n$ INTO c [SEPARATED BY s].

date_of_order

last_day_of_prev_month

20131208 → 20131130

yearmonth_of_order = date_of_order(6).

20131208

yearmonth_of_order = date_of_order(6).

201312

**CONCATENATE yearmonth_of_order '01'
INTO 1st_day_of_given_month.**

201312 ← 01

**CONCATENATE yearmonth_of_order '01'
 INTO 1st_day_of_given_month.**

20131201

last_day_of_prev_month = 1st_day_of_given_month - 1.

20131201 -1



20131130

Conditional Statements

CASE

IF

Logical Operators

```
IF booktype = webdesign    AND    month_of_sale = july.  
                           OR  
discount percentage = 5.  
  
ENDIF.
```

Relational Operators

```
IF discount percentage <> 30.  
    =  
    >  
    <  
    >=  
    <=  
    " do something  
ENDIF.
```


Conditional Statements

CASE



IF



Naming Conventions

Datastore Object

/BIC/AZBS03CR00

/BI0/ASD_O0300

Master Data

/BIC/MZBOOK

/BI0/MCUSTOMER

Naming Conventions

Datastore Object

/BIC/AZBS03CR00

/BI0/ASD_00300

Master Data

/BIC/MZBOOK

/BI0/MCUSTOMER

ABAP System Fields

sy-subrc

Unit Testing

WD01

08/07/2013

500 USD

Book

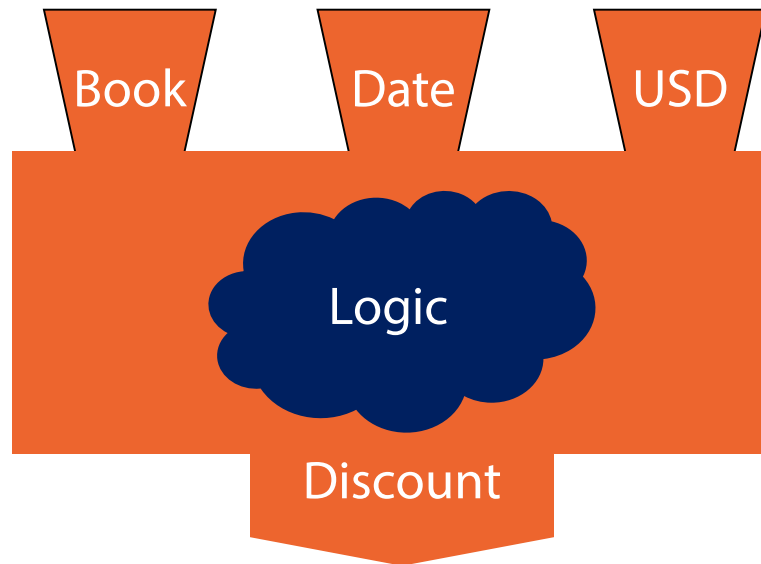
Date

USD

Logic

Discount

25 USD



Summary

- **ABAP Statements**
- **Solution for Complex Business Problems**
- **Unit Testing**