

## Practice example

Practice Example for new Language statements. This code is written **without** the use of new language features.

As we progress through the course there will be assignment to apply the concepts to the below code. The solution of the exercise will also be provided.

As a start you can create a new ABAP report, copy the below code and execute.

```
FIELD-SYMBOLS: <f_ekko> TYPE ekko.

DATA: lt_ekko          TYPE STANDARD TABLE OF ekko,
      lv_str_po        TYPE string,
      l_tab_doctyp     TYPE RANGE OF esart,
      l_wa_doctyp      LIKE LINE OF l_tab_doctyp,
      l_ord_description TYPE string.

"1) select data of a particular document type. create a internal table.
l_wa_doctyp-sign = 'I'.
l_wa_doctyp-option = 'EQ'.
l_wa_doctyp-low = 'NB'.
APPEND l_wa_doctyp TO l_tab_doctyp.

l_wa_doctyp-sign = 'I'.
l_wa_doctyp-option = 'EQ'.
l_wa_doctyp-low = 'ZNB'.
APPEND l_wa_doctyp TO l_tab_doctyp.

SELECT *           "** means get all fields
  UP TO 10 ROWS    "only retrieves 10 rows
  FROM ekko
  INTO TABLE lt_ekko
  WHERE bsart IN l_tab_doctyp.

LOOP AT lt_ekko ASSIGNING <f_ekko>.    "loops around the data in table it
  _ekko

  CONCATENATE 'PO number:'
              <f_ekko>-ebeln
              INTO lv_str_po
              SEPARATED BY space.
  WRITE: / lv_str_po.

  CALL FUNCTION 'CONVERSION_EXIT_ALPHA_OUTPUT'
    EXPORTING
      input = <f_ekko>-pincr
    IMPORTING
      output = <f_ekko>-pincr.
  WRITE: <f_ekko>-pincr.

  IF <f_ekko>-bsart = 'NB' AND <f_ekko>-waers = 'USD'.
    l_ord_description = 'Standard Order in United States'.
  ELSEIF <f_ekko>-bsart = 'NB' AND <f_ekko>-waers = 'EUR'.
    l_ord_description = 'Standard Order in Europe'.
  ELSEIF <f_ekko>-bsart = 'NB'.
    l_ord_description = 'Standard Order - Others'.
  ENDIF.
```

```
WRITE: l_ord_description.  
  
ENDLOOP.
```

## Output of the report

The output of the report depends on the data in your system. Sample output is as shown below

<b><i>Program ZABAP_NEW_LANG_PRACTICE</i></b>		
Program ZABAP_NEW_LANG_PRACTICE		
PO number:	4500000000 10	Standard Order in Europe
PO number:	4500000002 10	Standard Order - Others
PO number:	4500000003 10	Standard Order - Others
PO number:	4500000004 10	Standard Order - Others
PO number:	4500000005 10	Standard Order - Others
PO number:	4500000006 10	Standard Order - Others
PO number:	4500000007 10	Standard Order - Others
PO number:	4500000008 10	Standard Order - Others
PO number:	4500000009 10	Standard Order - Others
PO number:	4500000010 10	Standard Order - Others