

Reports - Exercises



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FOCUS

reports, selection screens,
transactions.

APPLICATION & MOTIVATION

An introduction to SAP Reports. An
accompanying exercise for the presentation
'Reports'.

VERSION

1.0

PREREQUISITES

-

LAST CHANGE

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NOTE

There are a number of ways to process the tasks. Possible solutions are described below. However, you can also solve the tasks differently.

Note that the screenshots are for orientation purposes only. They may differ from your screen.

Always replace ### with your number.

EXERCISE 1 - CREATE REPORT

Task:

Have "Hello World" output via a report

Proposed Solution:

Create an executable ABAP program named Z_OB_RE_### in your package Z_OB_###. If you have already done so, comment out the code created so far, in addition to the `REPORT z_ob_re_###` line.

To create the report, right-click your package in the Project Explorer and choose **New -> Other ABAP Repository Object**. In the following dialog box **New ABAP Repository Object**, you either search directly for **ABAP Program** or select the entry using the **Source Code Library** folder. Enter the following data in the "New ABAP Program" dialog box:

New ABAP program	
Package	Z_OB_###
name	Z_OB_RE_###
Short Description	My Report for Otto Bikes - ###

In the next step, select your transport request and choose **Finish**. The source code of your report should now be visible. Insert the following line into the report.

```
cl_demo_output=>display( 'Hello World' ).
```

Save and activate your report by pressing **CTRL+S** and then **CTRL + F3**.

Alternatively, you can use the corresponding buttons in the Eclipse toolbar. Now execute your report with **F8**.

EXERCISE 2 - REPORT WITH PARAMETERS

Task:

Output all flights from Frankfurt (table SPFLI) using a report.

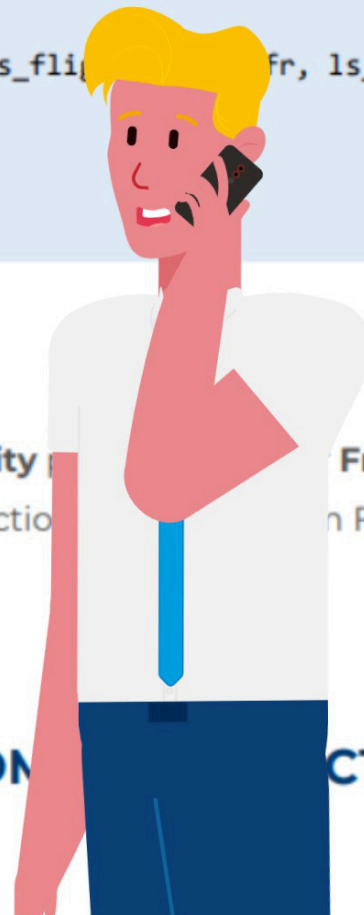
Proposed Solution:

In addition to the [REPORT z_ob_re_### line](#), comment out the code created so far. Insert the following code into the report.

```
PARAMETERS p_city TYPE s_from_cit
*Query from table SPFLI with parameter p_city
SELECT * FROM spfli INTO TABLE @DATA(it_flights) WHERE cityfrom = @p_city.
```

```
LOOP AT it_flights INTO it_flight.
WRITE:/ ls_f cityfrom, ls_fli fr, ls_flight-
cityto, ls_
ENDLOOP
```

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Now execute the report using **F8**.

You are prompted to enter a city using the **p_city** field. Enter **Frankfurt** in the **p_city** field. Press **F8** again. All flight connections from Frankfurt are displayed.

EXERCISE 3 - REPORT WITH CONNECTION

SCREEN

Use a report to display all flights that start between 15:00 and 20:00.

Proposed Solution:

You can reuse the report `z_ob_re_###` from task 2. Adjust the source code as follows: