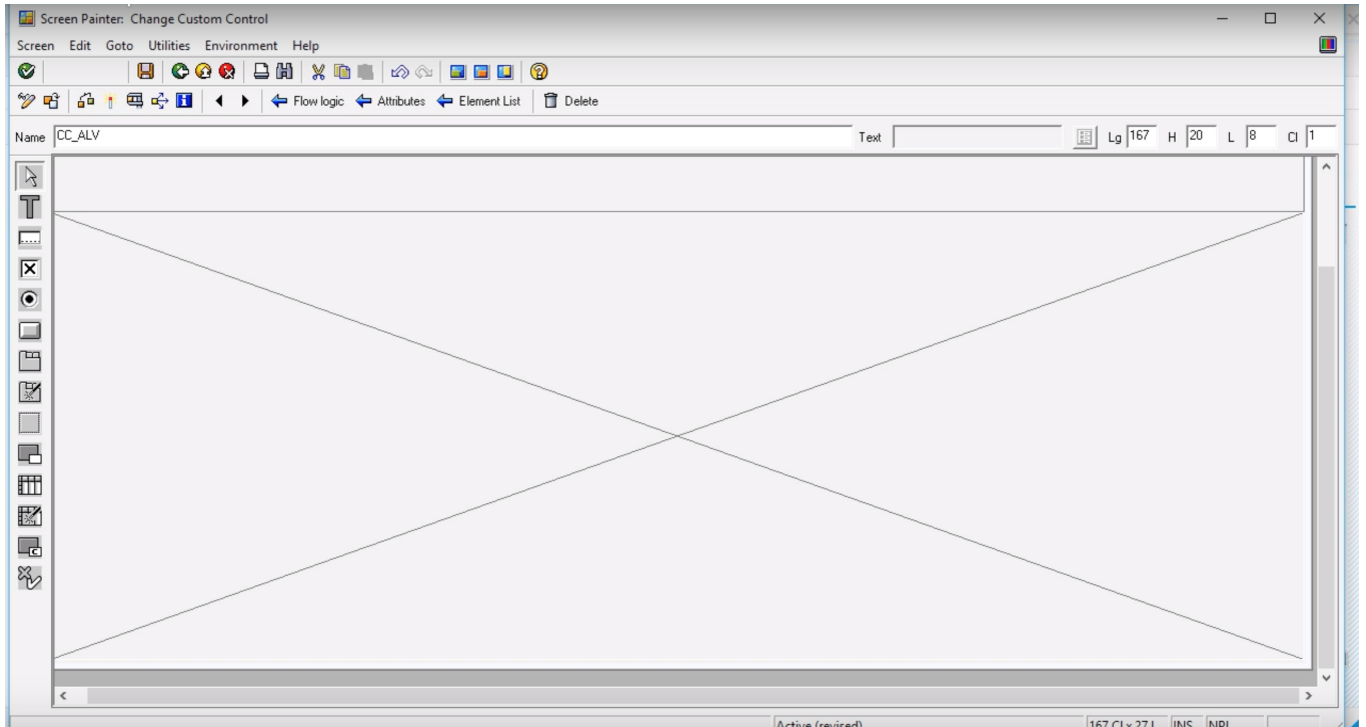
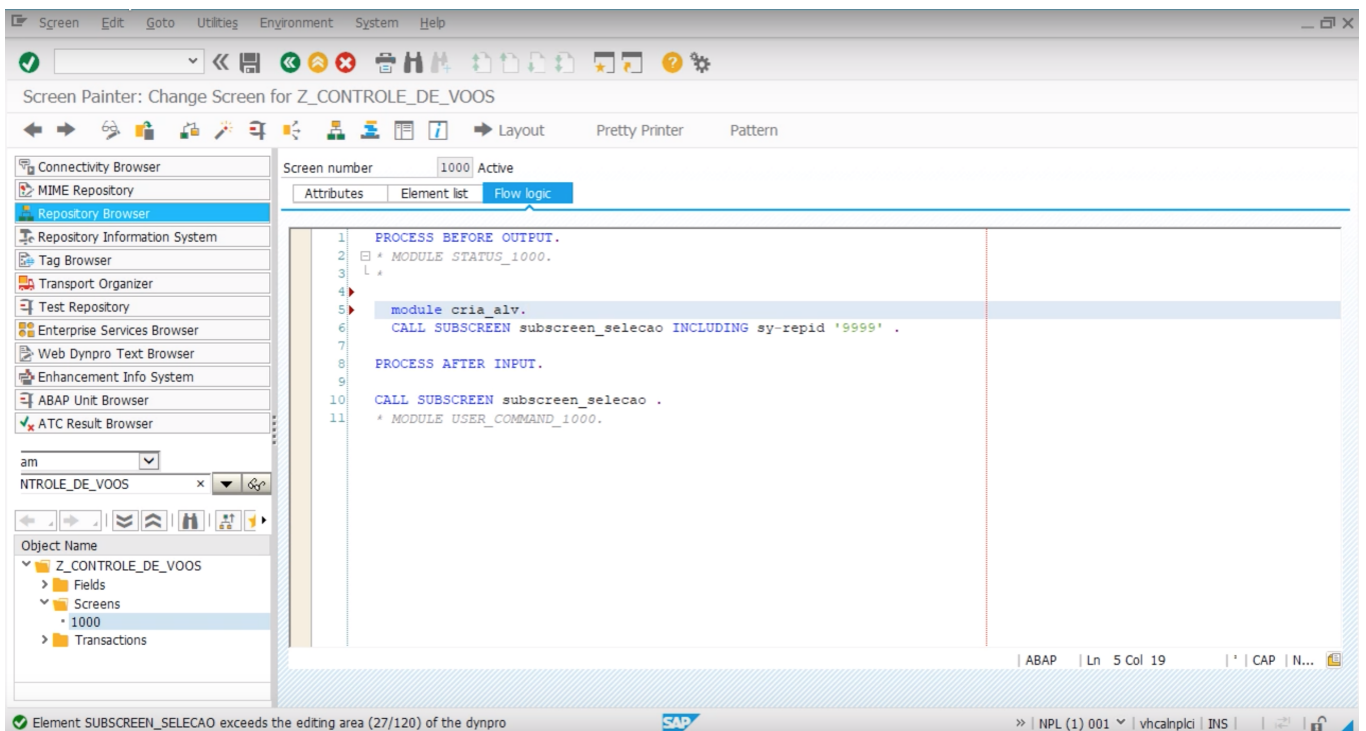


Faça o que eu fiz na aula

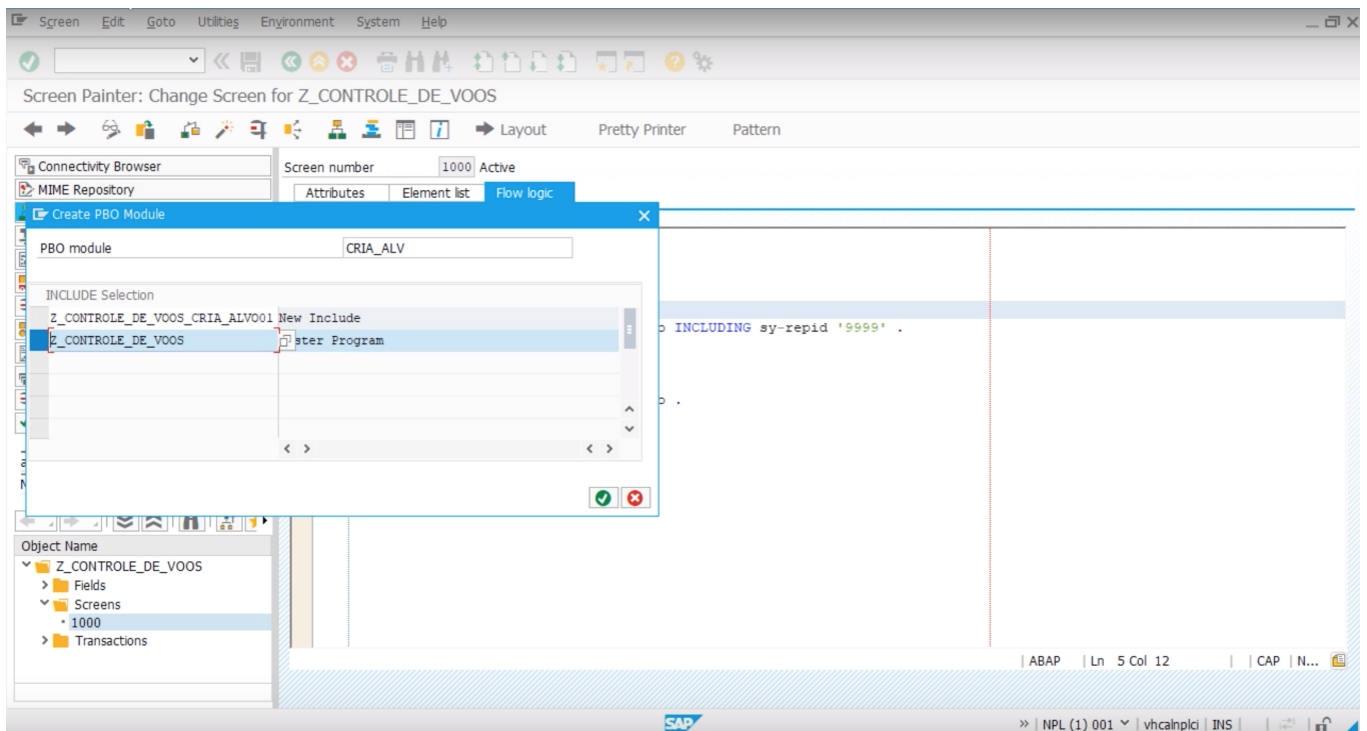
Vamos iniciar o desenvolvimento do nosso relatório. Para isso, vamos alterar o layout da nossa janela inserindo um **custom container**.



No flow logic, vamos criar um módulo responsável por criar o nosso ALV.



Vamos dar um duplo clique no nome do módulo, e o compilador irá nos informar que esse módulo ainda não existe. Então vamos pedir para criá-lo na nossa aplicação:



Então, vamos implementar o seguinte trecho de código:

Declarações

```
DATA: custom_container TYPE REF TO cl_gui_custom_container,
      alv               TYPE REF TO cl_gui_alv_grid,
      fieldcat          TYPE lvc_t_fcat.
```

```
DATA it_spfli TYPE STANDARD TABLE OF spfli .
```

implementação do módulo cria_alv

```
MODULE cria_alv OUTPUT.
```

```
DATA coluna LIKE LINE OF fieldcat .
```

```
CREATE OBJECT custom_container
EXPORTING
  container_name = 'CC_ALV'.
```

```
CREATE OBJECT alv
EXPORTING
  i_parent = custom_container.
```

```
CALL FUNCTION 'LVC_FIELDCATALOG_MERGE'
EXPORTING
  i_structure_name = 'SPFLI'
CHANGING
  ct_fieldcat      = fieldcat.
```

```
LOOP AT fieldcat INTO coluna .
```

```
IF coluna-fieldname = 'DISTANCE' OR
   coluna-fieldname = 'DISTID' OR
   coluna-fieldname = 'FLTYPE' OR
```

```
coluna-fieldname = 'PERIOD' .
```

```
coluna-no_out = 'X' .
```

```
MODIFY fieldcat FROM coluna .
```

```
ENDIF .
```

```
ENDLOOP .
```

```
CALL METHOD alv->set_table_for_first_display
  CHANGING
    it_outtab      = it_spfli
    it_fieldcatalog = fieldcat.
```

```
CALL METHOD alv->refresh_table_display( ) .
```

```
ENDMODULE.
```

Código completo

```
PROGRAM z_controle_de_voos.
```

```
DATA spfli TYPE spfli .
```

```
DATA: custom_container TYPE REF TO cl_gui_custom_container,
      alv               TYPE REF TO cl_gui_alv_grid,
      fieldcat          TYPE lvc_t_fcat.
```

```
DATA it_spfli TYPE STANDARD TABLE OF spfli .
```

```
SELECTION-SCREEN: BEGIN OF SCREEN 9999 AS SUBSCREEN.
SELECTION-SCREEN: BEGIN OF BLOCK blk1 WITH FRAME TITLE text-001 .
```

```
SELECT-OPTIONS: s_carrid FOR spfli-carrid NO INTERVALS.
SELECT-OPTIONS: s_connid FOR spfli-connid NO INTERVALS.
SELECT-OPTIONS: s_cityfr FOR spfli-cityfrom NO INTERVALS.
SELECT-OPTIONS: s_cityto FOR spfli-cityto NO INTERVALS.
```

```
SELECTION-SCREEN: END   OF BLOCK blk1.
SELECTION-SCREEN: END OF SCREEN 9999.
```

```
MODULE cria_alv OUTPUT.
```

```
DATA coluna LIKE LINE OF fieldcat .
```

```
CREATE OBJECT custom_container
  EXPORTING
    container_name = 'CC_ALV'.
```

```
CREATE OBJECT alv
  EXPORTING
    i_parent = custom_container.
```

```
CALL FUNCTION 'LVC_FIELDCATALOG_MERGE'
```

```
CALL FUNCTION 'LVC_FIELDCATALOG_MERGE'
  EXPORTING
    i_structure_name = 'SPFLI'
  CHANGING
    ct_fieldcat      = fieldcat.

LOOP AT fieldcat INTO coluna .

  IF coluna-fieldname = 'DISTANCE' OR
     coluna-fieldname = 'DISTID' OR
     coluna-fieldname = 'FLTYPE' OR
     coluna-fieldname = 'PERIOD' .

    coluna-no_out = 'X' .

    MODIFY fieldcat FROM coluna .

  ENDIF .

ENDLOOP .

CALL METHOD alv->set_table_for_first_display
  CHANGING
    it_outtab      = it_spfli
    it_fieldcatalog = fieldcat.

CALL METHOD alv->refresh_table_display( ) .

ENDMODULE.
```