# A05 - Report based on Query data

## Create the arguments table

1. Create Table 88051, “100 Top Customer Overview Args”;
2. Add these fields with their table relations:

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Entry No. | Integer |  |
| 2 | Customer No. | Code | 20 |
| 6 | Country/Region Code | Code | 10 |
| 3 | Global Dimension 1 Code | Code | 20 |
| 4 | Global Dimension 2 Code | Code | 20 |
| 5 | Salesperson Code | Code | 20 |

1. Save the table.

## Add the arguments table to the dataset

1. Save report 88055 you created in module A05 and save it as report 88056 “100 Top Customer Overview Args”;
2. Run the report from the object designer and select Open In Designer on the request page;
3. In the Report Explorer right click ReportsForNAV and select Insert Section > DataItem;
4. In the Data Item Table select Table 88051, “100 Top Customer Overview Args”;
5. In the properties of the new DataItem set the Data Item Id and Data Item Variable Name to Args;
6. In the Temporary property select True;
7. Right click the List DataItem and select Move Down;

## Add the arguments table fields to the Header1 section

1. In the Report Explorer move the Header1 section so it is under the Args DataItem;
2. Add the all the fields to the Header1 section except the Entry No. field;

## Create the request page

1. In the object designer open report 88056;
2. In the properties of the List DataItem set the Indentation property to 1;
3. Open the code editor;
4. In the Args - OnPreDataItem() add this line of code:

INSERT();

1. Open the Request Page editor. Add all the fields of your arguments table except the Entry No. field. Also add the Table Relation for each field;

## Filter the query based on the request page

1. In the object designer open report 88056;
2. Open the code editor;
3. Move the call to the FillTempListTable function to “Args – OnAfterGetRecord”;
4. In the FillTempListTable function filter the query according to the Argument table fields. See “A06 - C-AL code to add.txt” for details;
5. Run the report preview with different filter settings. Note the changes.