

RDLC Report in c# Windows Form

How to create rdlc report c# with sql server database.

Steps followed.

1. Creating new windows form
2. Installing Packages
 - a) System.Data.SqlClient
 - b) ReportViewerCore.WinForms
 - c) Corrected.Microsoft.ReportingServices.ReportViewerControl.WinForms
3. Adding data source having name as MonthlyResultsTbl with data table as given below

```
SELECT
NULL AS Fyear,
NULL AS FyearName,
NULL AS Month_Year,
0 AS Revenue_Amt,
0 AS Net_Result
```

4. Adding rdlc report
5. Adding char to rdlc report and adding dataset with name as ds_FinancialReport
6. Adding code to MasterForm_Load function:
 - a) to declare connection string
 - b) to write sql query to get data from the function called PerformanceDB.dbo.fn_MonthlyPerformanceData()
 - c) getting data to datasource as datatable
 - d) passing on the dataset "ds_FinancialReport"
7. Improving the look and feel of the report by adding dual color, formatting labels, alignment of labels, adding title and formatting title, formatting x axis labels, numeric value formatting in thousands with k
8. Formula to format Month_Year and get only Month Name for the x axis label:
=FORMAT(Fields!Month_Year.Value, "MMM")
9. Formula to number from 1 to 12 from Month_Year for sorting from April to March
=IIF(MONTH(Fields!Month_Year.Value) >= 4,
MONTH(Fields!Month_Year.Value) - 3,
MONTH(Fields!Month_Year.Value) + 9)
10. Formula to get dual color for the bars in the chart:
=IIF(Fields!FyearName.Value="CYEAR", "#5ecdc4", "#fb8784")