**C# code to add libraries and code to be placed inside MasterForm function:**

1. **Libraries to be added to C# code at the beginning on the top**

using System;

using System.Collections;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using Microsoft.Reporting.WinForms;

using System.IO;

1. **Code to be placed inside MasterForm\_Load function**

// Define the connection string based on the selected username

**// here you need to change your server name, etc**

string connectionString = @"Server=MYLAPTOP\SQLEXPRESS;Database=PerformanceDB;User Id=hi;Password=admin111;";

// Set up ReportViewer properties

reportViewer1.ProcessingMode = ProcessingMode.Local;

**// here you need to copy and paste the report path**

reportViewer1.LocalReport.ReportPath = @"C:\Users\Ganapathy\source\repos\MyWindowsReport1\MyWindowsReport1\FinancialReport.rdlc";

string query = " SELECT " +

" Fyear, " +

" FyearName, " +

" Month\_Year, " +

" SUM(Revenue\_Amt) AS Revenue\_Amt, " +

" SUM(Net\_Result) AS Net\_Result " +

" FROM " +

" PerformanceDB.dbo.fn\_MonthlyPerformanceData() " +

" GROUP BY Fyear,FyearName, Month\_Year";

try

{

// Use a SQL connection to execute the stored procedure and fetch the result

using (SqlConnection connection = new SqlConnection(connectionString))

{

SqlCommand command = new SqlCommand(query, connection);

SqlDataAdapter dataAdapter = new SqlDataAdapter(command);

DataSet dataSet = new DataSet();

dataAdapter.Fill(dataSet, "MonthlyResultsTbl");

// Calculate running total and add it to the dataset

DataTable dataTable = dataSet.Tables["MonthlyResultsTbl"];

ReportDataSource reportDataSource = new ReportDataSource("ds\_FinancialReport", dataTable);

reportViewer1.LocalReport.DataSources.Add(reportDataSource);

}

}

catch (InvalidCastException ex)

{

// Handle the specific invalid cast exception

MessageBox.Show($"Error in data conversion: {ex.Message}");

}

catch (Exception ex)

{

// Handle general exceptions

MessageBox.Show($"Error loading report: {ex.Message}");

}

// Refresh the ReportViewer

try

{

reportViewer1.RefreshReport();

}

catch (Exception ex)

{

// Handle exception, e.g., log or display a message

MessageBox.Show("Error loading report: " + ex.Message);

}