

VBA Case Study (Basic)

Our client is a leading retailer of the Sports Equipment across globe. Vice President of the company wants to analyze combined Revenue generated in year 2014 across different countries. Sample report format is given below.

Sales Report for 2014

| Retailer_Country | Revenue |
|------------------|---------|
| Canada | |
| Singapore | |
| Australia | |
| France | |
| United Kingdom | |

In order to automate the process of report generation; perform following tasks using VBA code. Write separate sub routines for each of the Tasks.

Note: Before proceeding; save the workbook as .xlsm (macro enabled workbook)

Task 1: Data Consolidation

- 2014 sales data is available for each month in separate worksheets.
- Add a new worksheet in a workbook; name the worksheet as **[2014 Data]**.
- Consolidate the monthly data in **[2014 Data]** Worksheet.

Task 2: Generate Report

- Add a new worksheet in a workbook; name the worksheet as **[2014 Report]**.
- Display report title **"Sales Report for 2014"** in Range D3 of [2014 Report] worksheet.
- Get unique **[Retailer_Country]** names from [2014 Data] worksheet and place them in [2014 Report] worksheet in [Column D] starting from [Range D5].
- Calculate total Revenue corresponding to each Retailer Country.
- Carry out formatting tasks wherever applicable.

(Hint: You may use macro recording option to get VBA code for Task 2)

Task 3: Add button control

- Add a command button from ActiveX controls; change caption of command button to "Generate Report".
- On `_Click()` event of command button; user should be able to generate the report in said format.

[Hint: Make use of the sub routines created in Task 1 and Task 2; you can call sub using `<<Call>>` keyword]