



Master Microsoft Excel Macros and VBA

Project #5 – Creating the Final Report

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Course Reviews

- +1** *"This is a great course. I love how the lessons are only about 4 minutes each. **It makes it possible to learn a lot in a short amount of time.** It seems targeted to new learners but it also makes for a great review even if you are familiar with Microsoft Office... 5 stars!" - Wendy*
- +1** *"Great visual over the shoulder presentations by a very articulate instructor. The simple tips on Word and PowerPoint alone were well worth taking the course. What I learned will not only save time, but will end much of the frustration I have experienced with PDF's. Recommend the course." – Bill*
- +1** *"These presentations are very well put together. **The instructor keeps you engaged and is easy to follow.**" - Karen*

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Project #5 - Overview

Project #5 is going to take you through combining all the techniques that you have learned through the previous projects in order to create a final report based on content from multiple worksheets.

Selecting, Copying and Pasting with VBA

Below are a few techniques that you will use in order to create the final report.

Selection.Copy

Once a selection has been made, such as **Selection.CurrentRegion.Select**, the line of code above will copy the selection.

ActiveSheet.Paste

As long as something is still marked as being copied the line of code above will paste the copied content into the active cell of the active worksheet.



Level Up by doing it yourself!

You decide to

1. Download and open the file: **QuarterlyReport.xlsm** provided in this lecture
2. Click the **ENABLE** button once the document has been opened (**This document contains VBA code and must be enabled before you can use the code as part of this exercise**)
3. Note the 5 worksheets in the workbook (**EAST, WEST, NORTH, SOUTH RECORDS and YEARLY REPORT**)
4. The YEARLY REPORT worksheet is where you will be pasting the data from the other worksheets to create the final reportOpen the VBE (**ALT+F11**)
5. Review the 3 procedures found in Module1
 - a. **AutoSum()**
 - b. **AddHeaders()**
 - c. **FormatData()**
6. These are 3 Macros/Procedures that you have created in earlier projects in this course
7. Create a new Procedure

- a. **INSERT – PROCEDURE**
- b. Name the new Procedure **FinalReport**
- c. Leave the rest of the setting as default
- d. Add the following code to the **FinalReport** procedure

```
Dim i As Integer

For i = 1 To Worksheets.Count - 1
    Worksheets(i).Select

    AutoSum
    AddHeaders
    FormatData

    Range("A2").Select
    Selection.CurrentRegion.Select
    Selection.Copy

    Worksheets("Yearly Report").Select

    Range("A30000").Select
    Selection.End(xlUp).Select

    ActiveCell.Offset(2, 0).Select

    ActiveSheet.Paste

Next i
```

8. Close the **VBA** Window
9. Run the **FinalReport** Procedure
 - a. Go to **VIEW – MACROS – VIEW MACROS**
 - b. Select the **FinalReport** Macro
 - c. Click **RUN**

Instructor BIO:

Kyle is a Microsoft Certified Trainer (MCT) and a certified Microsoft Office Master Instructor and has been teaching and consulting for the past 10+ years on various computer applications, including;



1. Microsoft Office Suite 1997, 2000, XP, 2003, 2007, 2010, 2013
 1. Excel, Word, PowerPoint, Outlook, Access and Visio
2. SharePoint End-User 2007, 2010, 2013
3. VBA (Excel and Access)
4. Adobe Suite
 1. Photoshop, Illustrator, InDesign
5. Maya (Modeling and Animation)
6. Unity3d (Game Design)
7. HTML, CSS and JavaScript
8. Crystal Reports

Kyle is a graduate of the San Francisco Art Institute in the Media Arts and Animation Program. He has worked as a Game Designer for Electronic Arts, designing on games such as Nerf N-Strike, Nerf N-Strike Elite, both for the Wii, and a Sims 3 Expansion Pack for the PC.

Kyle has facilitated courses that range from 1-on-1 interactions to large scale groups of 100+ participants, including; live in person classes, webinar style classes online and live online full courses. He is consistently ranked top in reviews for each of the courses he teaches.

What Students have said about Kyle:

- ***"Kyle was off the chart "GOOD""***
- ***"ONE OF THE BEST COURSES THAT I'VE HAD... (IN 12+ YEARS)."***
- ***"Awesome trainer because I'm computer "stupid" and he helped me understand it."***
- ***"Kyle Pew is very knowledgeable and presented information with exceptional skill."***

In his 10+ years of training (corporate training, 1-on-1 consulting and college courses), Kyle has taught 1000's of courses and 10's of thousands of students all the while maintaining a high level of delivery and satisfaction from the student he has taught.

Teaching Philosophy:

Kyle believes that student's best learn through the application of real-life business situations through exercises. Allowing students to guide the class with their specific situations allows for the quickest and easiest adaptation to new technology and skills.

Check out my Udemy profile for more information and more courses.

<https://www.udemy.com/user/kyle-pew/>