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## Worksheetfunction.vlookup vba 1004

I try to compare two values using VBA. The first value will come from a table in the Datasheet worksheet, the other from Department Information. None of these sheets are the active sheet (Comparison Sheet). To do this, I have tried the following code. Note that PRow and HRow are variables equal to the current line in a loop. So far, they have worked as you wish. I was then going to compare confirm that VLR1 = VLR3 and VLR2 = VLR4, but I keep getting the runtime error. Edit: I have now dropped the . Value at the end of each line. No change to error. Page 2 5 Vlookup comments is a worksheet function in Excel, but it can also be used in VBA, the functionality of Vlookup is similar to the functionality in VBA and in the worksheet both, as it is a worksheet function the method to use Vlookup in VBA is via Application.WorksheetFunction method and the arguments remain the same. The VLOOKUP function in Excel is used to search for a value in one table and return the corresponding value from another column. The search value must be in the first column. It is also required to indicate whether you need to search for an exact match or approximate match. The VLOOKUP worksheet function can be used in VBA encoding. The function is not built-in VBA and can therefore call only by using the worksheet. The VLOOKUP function in Excel has the following syntax: In which, lookup\_value is the value to look for, table\_array is the table, col\_index\_num is the column number of the returned value, range\_lookup means whether the match is accurate or approximate. range\_lookup can be TRUE/FALSE or 0/1. In VBA code, VLOOKUP can be used as: Application.WorksheetFunction.Vlookup(lookup\_value, table\_array, col\_index\_num, range\_lookup) How to use VLookup in Excel VBA: Here are some examples of VLookup code in Excel VBA. VLookup code in Excel VBA Example #1 Let's see how we can call the VLOOKUP worksheet function in Excel VBA. Let's say you have data on the identity of the students, the name, and the average of the grades received from them. Now, you want to search for signs taken from a student with id 11004. To search for the value, follow these steps: Go to the Developer tab and click Visual Basic. Under the VBA window, go to the introduction and click the section. Now, write the VBA VLOOKUP code. The following VBA VLOOKUP code can be used. Sub vlookup1() Dim student\_id As Long Dim marks As Long student\_id = 11004 Set myrange = Range(B4:D8) marks = Application.WorksheetFunction.VLookup(student\_id, myrange, 3, False) End First, specify a student ID, which is the value to look for. Therefore, we set student\_id = 11004 Next, we define the range in which the value and the return value exist. Since our data exists in cells B4:D8, we define a range-myrange as follows: Set myrange = Range(B4:D8) Finally, we insert the VLOOKUP function using the Worksheet function in a variable, signs such as: Popular path in this category All in an Excel VBA package (35 courses with projects)4.9 (1,353 reviews) 35+ 35+ | 120+ Hours | Full lifetime access | Certificate of Completion Marks = Application.WorksheetFunction.VLookup(student\_id, myrange, 3, False) To print the marks in a message box, let's use the following command: MsgBox Student with ID: &student\_id &Received &marks &Marks Will Return: A student with ID:11004 received 85 marks. Now, click the run button. You'll notice that a message box will appear in the Excel sheet. VLookup code in the Excel VBA example #2 Let's say you have data about employee names and their salary. These data are given in columns B and C. Now, you need to write a VBA VLOOKUP code so that, given the employee's name in a cell, F4, the employee's salary will be returned to cell G4. Let's write the VBA VLOOKUP code. Specify the range in which the values exist, that is, columns B and C. Set myrange = Region (B:C) Set the employee name and enter the name from cell F4. Set name = Range (F4) Set salary as cell G4. Set salary = Region (G4) Now, call VLOOKUP using WorksheetFunction in VBA and enter it into the salary. Price. This will return the value (output of the Vlookup function) in cell G4. The following pension can be used: salary.Value = Application.WorksheetFunction.VLookup(name, myrange, 2, False) Now run the module. Cell G4 will contain the employee's salary after running the VBA VLOOKUP code. Let's say you change the value of cell F4 to David on the worksheet and run the code again and it will return David's salary. VLookup code in excel #3 example VBA Suppose you have your company employee's data, having their ID, names, department, and salary. Using Vlookup in VBA, you want to get an employee's salary information using their name and department. Since vlookup in Excel looks for lookup\_value in a single column, which is the first column in table\_array, you are required to first make a column that contains the Name and Part of each employee. In VBA, let's enter the Name and Department values in column B of the worksheet. To do this, go to the Developer tab and click Visual Basic. Then go to Insert and click Section to start a new section. Let's write code now so that column B contains the values in column D (name) and column E. The syntax is given as follows: First, use a loop 'for' from i = 4, since the values start from the 4th row in this case. The loop will continue until the end of the last row of column C. So the variable can be used as a serial number within the for loop. In enter the value to be assigned for the cell (row\_number, column B), which can be given as cells (i, B). Value, as Cell (row\_number, column D) && Cell (row\_number, column E). Suppose you want to assign cell B5 = D5 && E5, you can simply use the code as: Cells(5, B). Value = Cells(5, D). Value && Cells(5, E). Value now, let search for the lookup value in table B5:E24. You have to enter the search value. Let's get the value (Name and Department) from the user. To do this, set three variables, name, segment, and lookup\_val as a string. Get the name entry from the user. Use the code: name = InputBox (Type employee name) Content in the sign-in box Type . will appear in the prompt box when you run the code. The string entered in the query will be assigned to the name variable. Get the segment from the user. It can be done in the same way as above. department = InputBox (Enter the department of the employee) Assign the name and department with \_ as a des variable lookup\_val using the delete synch layout: lookup\_val = name && \_ && department Write the vlookup syntax to search for the lookup\_val in range B5:E24 returns it in a variable salary. Prepare the variable salary: Dim Salary As Long Use the Vlookup function to find the lookup\_val. the table\_array can be given as Range (B:F), and the salary is present in the 5th column. Thus, the following syntax can be used: salary = Application.WorksheetFunction.VLookup(lookup\_val, Range (B:F), 5, False) To print the salary in a message box, use the syntax: MsgBox (Employee's salary is &salary) Now, run the code. A question box will appear on the worksheet in which you can enter the name. After you enter the name (Say Sashi) and click OK. After you get into the station, say so. He's going to print the employee's salary. If Vlookup can find any employee with the name and department, it will give an error. Assume that you give the name Vishnu and the IT part will return runtime error '1004'. To work around this issue, you can specify in the code that in this type of error, print The value was not found instead. To do this, Before you use the vlookup syntax, use the following code- On Error GoTo Message Check: The final code (check): it will be tracked and, if it receives an error, it will go to the message statement At the end of the code (Before the sub end), specify that if the error number is 1004, then print in the message box. Employee data does not exist. This can be done by using the syntax: Message: If Err.Number = 1004 Then MsgBox (Employee data does not exist) Finally if section 1: Sub vlookup3() For i = 4 in cells(Rows.Count, C). Finally(xlUp). Row cells(i, B). Value = Cells(i, D). Value && \_ && Cells(i, E). Value Next iDim Name As Dim String Part As Dim String lookup\_val As Dim String Salary As Longname = InputBox(Type Employee Name) Section = InputBox(Enter Employee's Part) lookup\_val = Name && \_ departmentOn Error GoTo Message Check: salary = Application.WorksheetFunction.VLookup(lookup\_val, Range (B:F), 5, False) MsgBox (Employee's salary is &salary)Message: If Err.Number = 1004 Then MsgBox (Employee Data Does Not Exist) End IfEnd Sub Things to Remember about VLookup in Excel VBA The Vlookup can be called in Excel VBA by using WorksheetFunction. The vlookup function syntax remains the same in Excel VBA. When the VBA vlookup code cannot find the lookup\_value, it will give a 1004 error. The error in the vlookup function can be addressed by using a goto statement if it returns an error. Featured articles This was a guide to VLookup in VBA. Here we will discuss how to write VLookup Code in Excel VBA along with practical examples and a downloadable excel template. 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