

Exercise 4

Download the files from <http://www.peter-lo.com/Teaching/X4-XT-CDP-0071-A/Source4.zip>, you will use these files to finish the following exercises.

1. Open the Excel file “Question 4-1.xlsx”. This spreadsheet contains a list of furniture items.
 - A. Create a drop down menu in the green cell that allows user select the product code.

Wise Owl Furnishings				Enquiry System	
Code	Item	Price	In Stock		
A16	Stool	£21.00	7	Code:	A18
A17	Lamp	£32.99	8	Item:	
A18	Bookcase	£112.50	40	Price:	
A34	Armchair	£89.99	5	Number in Stock:	
B45	Kitchen	£231.00	34		
C39	Sofa	£312.00	0		
D80	Dining Table	£199.99	12		
F26	Shelves	£45.00	9		
G36	Rocking Chair	£87.99	13		

- B. Enter formulae in the yellow cells so that whenever you enter a product code in the green cell you see the product details beneath.

Wise Owl Furnishings				Enquiry System	
Code	Item	Price	In Stock		
A16	Stool	£21.00	7	Code:	A18
A17	Lamp	£32.99	8	Item:	Bookcase
A18	Bookcase	£112.50	40	Price:	£112.50
A34	Armchair	£89.99	5	Number in Stock:	40
B45	Kitchen	£231.00	34		
C39	Sofa	£312.00	0		
D80	Dining Table	£199.99	12		
F26	Shelves	£45.00	9		
G36	Rocking Chair	£87.99	13		

2. Open the Excel file “Question 4-2.xlsx”. By using AND function, check whether the input value (Column C) is between minimum value (Column A) and Maximum value (Column B).

	A	B	C	D
1	Minimum Value	Maximum Value	Input Value	Within Range?
2	10	14	50	FALSE
3	32	45	38	TRUE
4	12	44	85	FALSE
5	43	98	54	TRUE
6				

3. Open the Excel file “Question 4-3.xlsx”. This spreadsheet contains the cost per gallon for olive oil. You are required to develop a formula for total cost calculation using function IF according to the provided logic.

Olive Oil	Cost/Gallon
Cost/gallon for the first 500 gallons:	\$23
Cost/gallon for gallons above 500:	\$20
Number of Gallons:	501
Total Cost:	11520

4. Open the Excel file “Question 4-4.xlsx”. Enter a formula in the yellow cell so that it shows the corresponding name for input student ID in the green cell. Prompt for message “Not in this class” if the student ID not found.

ID	Name	ID	Name
96200745	David Cheung	96200745	David Cheung
96114424	Patrick Pang	96114424	Patrick Pang
96101242	Simon Lee	96101242	Simon Lee
96484247	May Leung	96484247	May Leung
96012149	Paul Chan	96012149	Paul Chan
96427732	Chris Wong	96427732	Chris Wong
ID:	96114424	ID:	1234
Name:	Patrick Pang	Name:	Not in this class