

## Exercise 2

Download the files from <http://www.peter-lo.com/Teaching/X4-XT-CDP-0071-A/Source2.zip>, you will use these files to finish the following exercises.

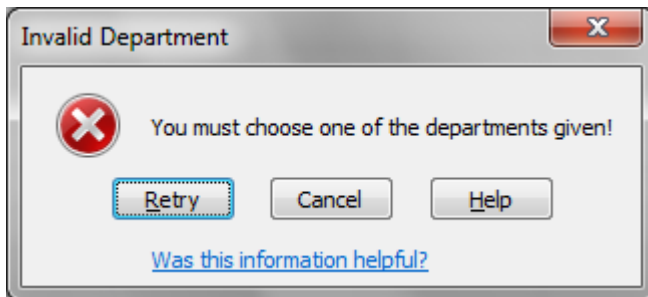
1. Open the Excel file “Question 2-1.xlsx”.

A) In sheet “List”, apply validation to cell C2 to C6, so that when you click on the cell you see an input message telling you what you can do. The values of these cells are come from Worksheet “Department”.

Name	Age	Department
David Leung	22	
May Chan	99	
Amy Cheung	30	
May Leung		
Ken Tong	29	

**Department Input**  
You can select the valid department from this cell.

B) Extend your validation so that when a user chooses a department which doesn't exist, they receive this notification.



C) According to this company policy, the official age should between 18 and 65. By using data validation, highlight all incorrect age (include blank) with red circle.

Name	Age	Department
David Leung	22	
May Chan	99	
Amy Cheung	30	
May Leung		
Ken Tong	29	

2. Open the Excel file “District 1.xlsx”, “District 2.xlsx” and “District 3.xlsx” which contains the data for the turnover of these districts. You are required to create a summary report by consolidating the turnover for these three districts.

	A	C	D	E	F
1		<b>Quarter 1</b>	<b>Quarter 2</b>	<b>Quarter 3</b>	<b>Quarter 4</b>
5	<b>Coffee</b>	\$6,624	\$7,032	\$20,079	\$27,198
8	<b>Tea</b>	\$10,941	\$2,148	\$5,148	\$12,450
12	<b>Milk</b>	\$18,625	\$8,071	\$17,446	\$11,238
13					
14					

3. Open the Excel file “Question 2-3.xlsx”.

A) By using Data Validation, prepare a drop down menu (“Open”, “In Progress”, and “Close”) for the column “Status”.

	A	B	C	D
1	<b>No</b>	<b>Task</b>	<b>Status</b>	
2	1	Task 1	Open	
3	2	Task 2	In Progress	
4	3	Task 3	Open	
5	4	Tas	Open	
6			In Progress	
			Closed	

B) By applying Conditional Format, highlight the row in green color when user select “Closed” in the column “Status”, an example is shown below.

	A	B	C	D
1	<b>No</b>	<b>Task</b>	<b>Status</b>	
2	1	Task 1	Open	
3	2	Task 2	In Progress	
4	3	Task 3	Closed	
5	4	Task 4	Closed	
6			Open	
7			In Progress	
			Closed	