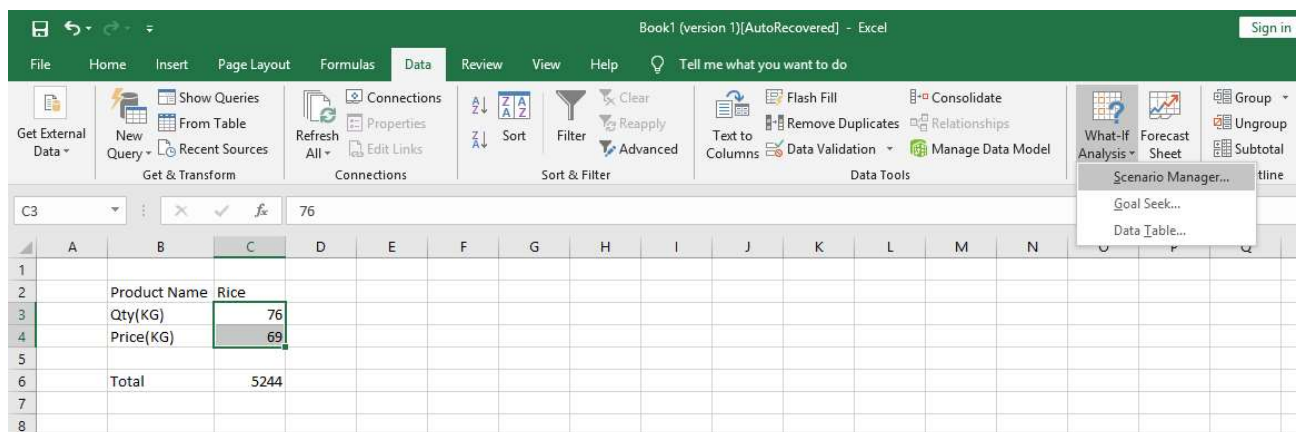


Practical 6: What-If Analysis (Scenario Manager)

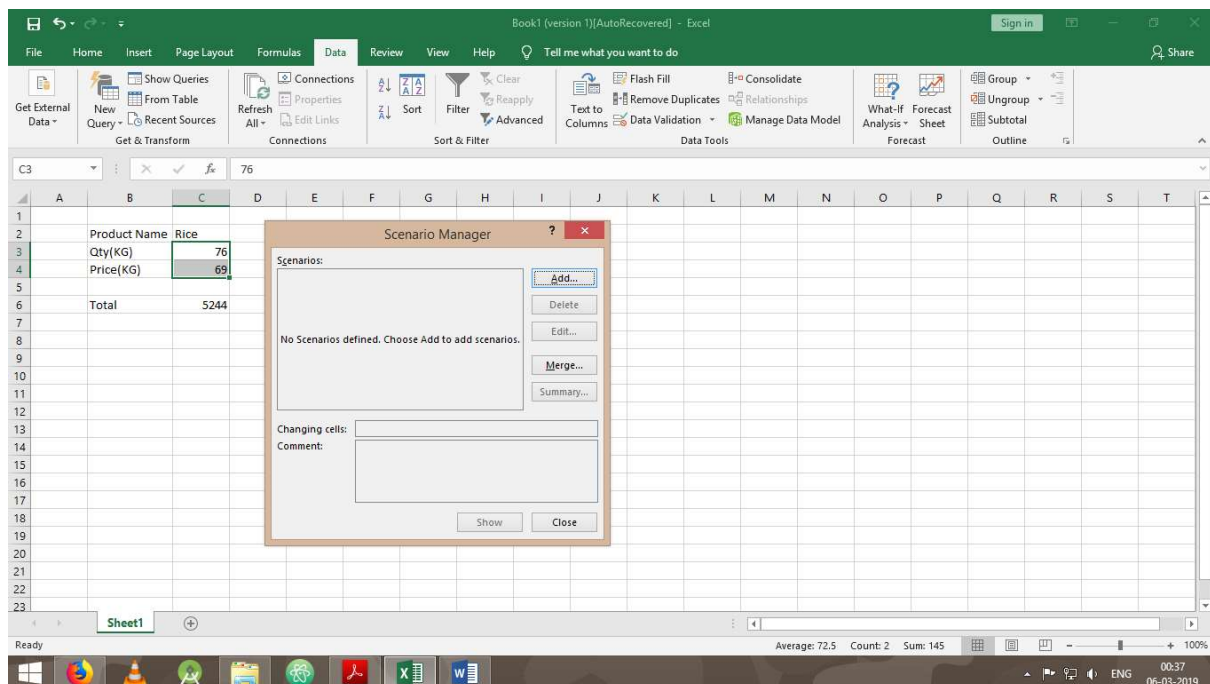
Step 1 : Give product Sales

	A	B	C	D	E	F
1						
2		Product Name	Rice			
3		Qty(KG)	76			
4		Price(KG)	69			
5						
6		Total	5244			
7						
8						

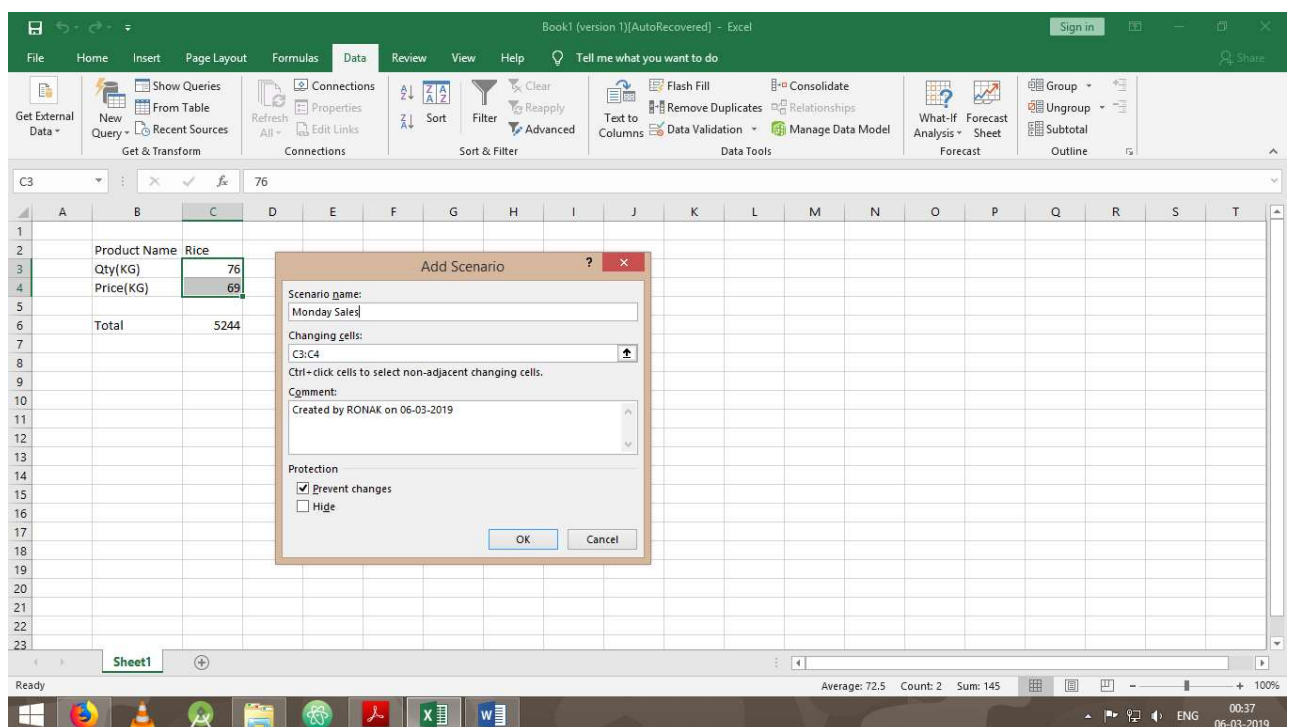
Step 2 : Select 2 column as shown in the figure and after that click on what – if analysis option after that select Scenario Manager



Step 3 : A window will appear click on Add option



Step 4: Give the Scenario Name and then ok



Product Name	Rice
Qty(KG)	76
Price(KG)	69
Total	5244

Scenario Values

Enter values for each of the changing cells.

1: \$C\$3 12

2: \$C\$4 13

Add OK Cancel

The screenshot displays the Microsoft Excel interface with the Scenario Manager dialog box open. The background spreadsheet shows a table with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1																				
2		Product Name	Rice																	
3		Qty(KG)	76																	
4		Price(KG)	69																	
5																				
6		Total	5244																	
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				

The Scenario Manager dialog box is open, showing the following details:

- Scenarios:** Monday Sales (selected)
- Changing cells:** \$C\$3:\$C\$4
- Comment:** Created by RONAK on 06-03-2019
- Buttons:** Add..., Delete, Edit..., Merge..., Summary..., Show, Close

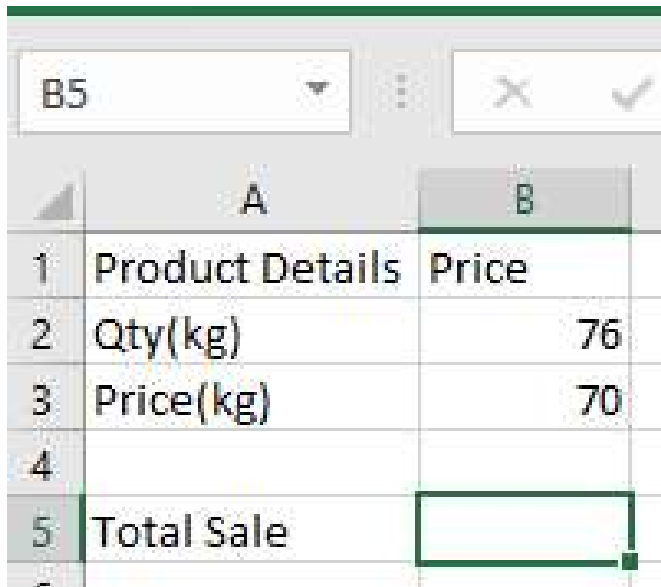
The Final output will be as:

The screenshot shows a Microsoft Excel spreadsheet with the following data:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1																				
2		Product Name	Rice																	
3		Qty(KG)	12																	
4		Price(KG)	13																	
5																				
6		Total	156																	
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				

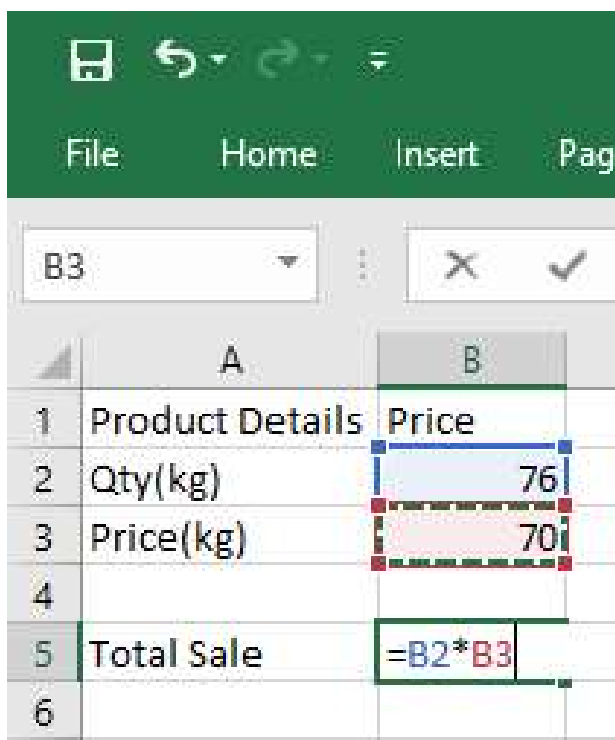
What-If Analysis(Data Table)

Create Excel sheet with following Data

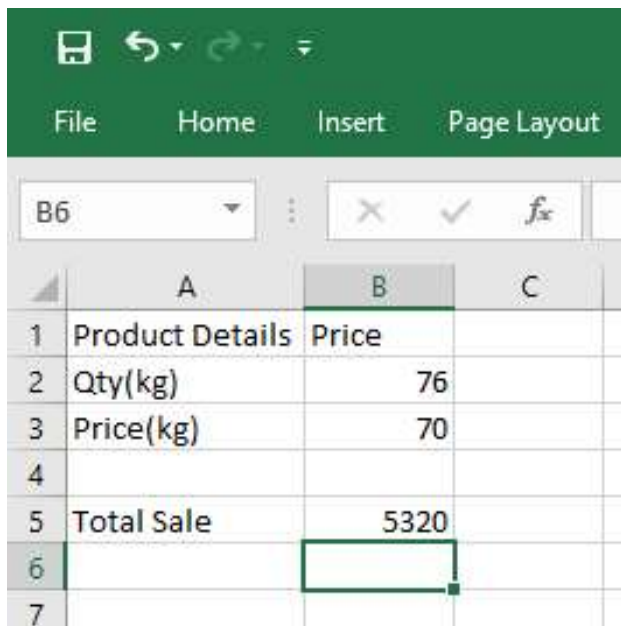


	A	B
1	Product Details	Price
2	Qty(kg)	76
3	Price(kg)	70
4		
5	Total Sale	

Step 1: Multiply 2 number by formula



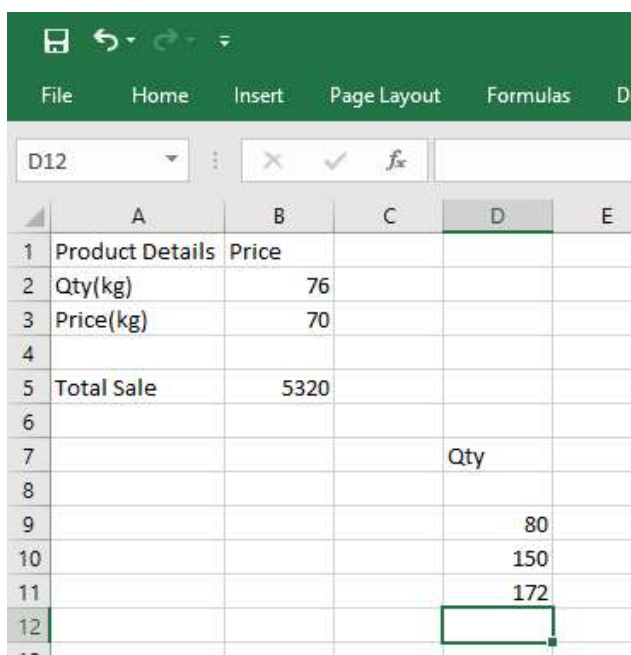
	A	B
1	Product Details	Price
2	Qty(kg)	76
3	Price(kg)	70
4		
5	Total Sale	=B2*B3
6		



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C
1	Product Details	Price	
2	Qty(kg)	76	
3	Price(kg)	70	
4			
5	Total Sale	5320	
6			
7			

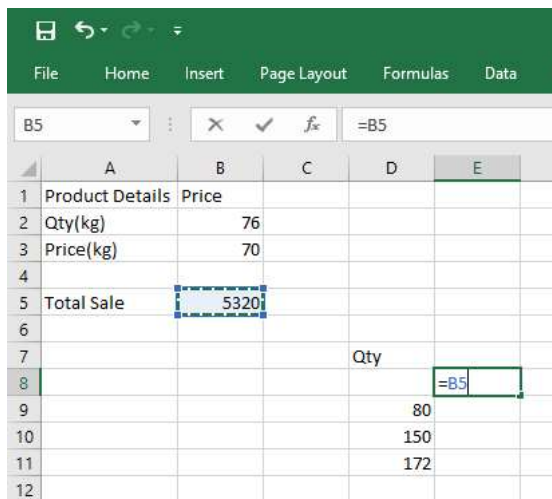
Step 2: Create another table as shown in fig



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	Product Details	Price			
2	Qty(kg)	76			
3	Price(kg)	70			
4					
5	Total Sale	5320			
6					
7				Qty	
8					
9				80	
10				150	
11				172	
12					

Select Total Amount

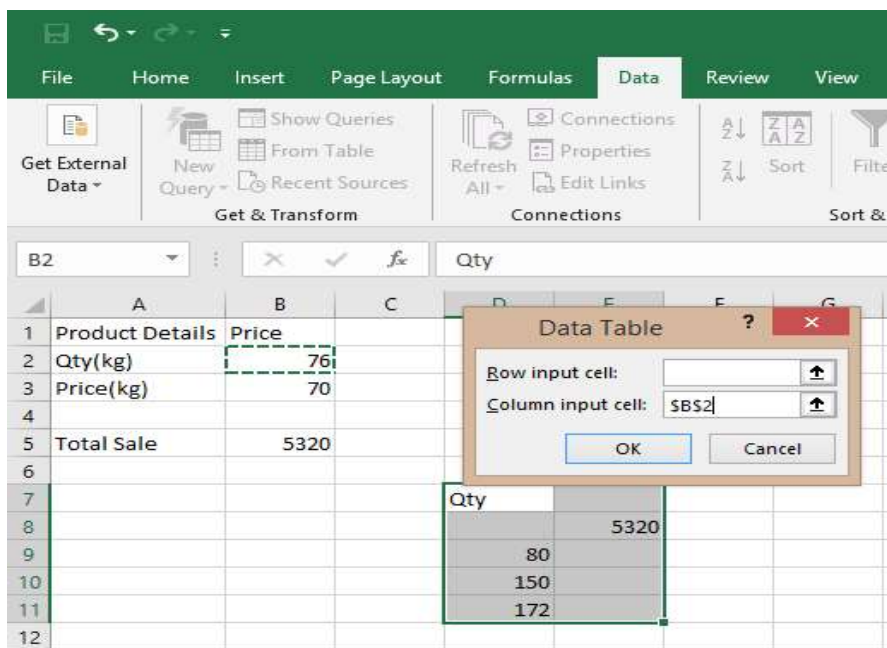


The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	Product Details	Price			
2	Qty(kg)	76			
3	Price(kg)	70			
4					
5	Total Sale	5320			
6					
7				Qty	
8					=B5
9				80	
10				150	
11				172	
12					

Step 3:Column Analysis Select Data ->what if analysis->Data Table

In column input cell select quantity amount and click OK



The screenshot shows the Excel spreadsheet with the Data Table dialog box open. The dialog box has the following settings:

- Row input cell: (empty)
- Column input cell: \$B\$2

The spreadsheet data is the same as in the previous image, but the 'Total Sale' value in cell B5 is now 5320, and the 'Qty' values in column D are 80, 150, and 172.

Output:

	A	B	C	D	E	F
1	Product Details	Price				
2	Qty(kg)	76				
3	Price(kg)	70				
4						
5	Total Sale	5320				
6						
7				Qty	5320	
8				80	5600	
9				150	10500	
10				172	12040	

Step 4: Create another table as shown in fig

	A	B	C	D	E	F	G	H	I	J
1	Product Details	Price								
2	Qty(kg)	76								
3	Price(kg)	70								
4										
5	Total Sale	5320								
6										
7				Qty	5320					
8				80	5600					
9				150	10500					
10				172	12040					
11										
12				Price		23	56	76		

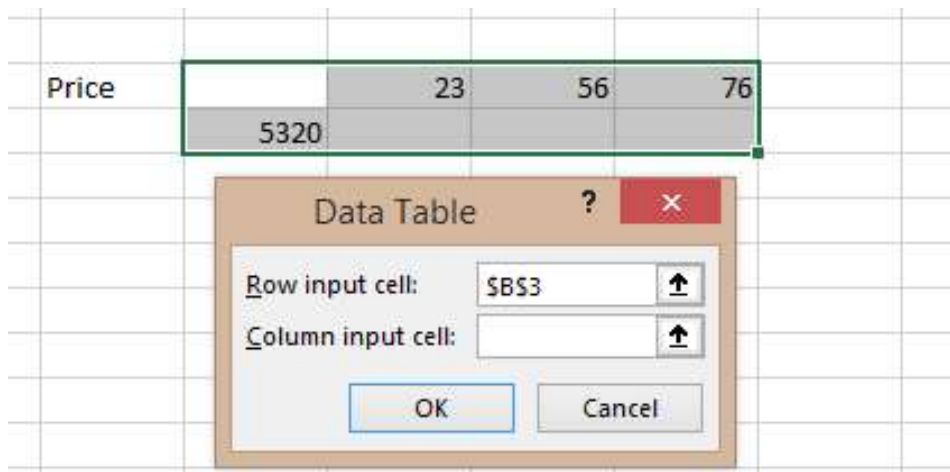
Select Total Amount

	Qty	5320				
	80	5600				
	150	10500				
	172	12040				
	Price		23	56	76	
		=B3				

Step 5 :Row Analysis

Select Data ->what if analysis->Data Table

In Row input cell select Price amount and click OK



Output:

	Price		23	56	76
		5320	1748	4256	5776

Step 6: Create another table as shown in fig

		Qty			
	Price		23	46	12
		23			
		45			
		34			

Select Total Amount

		Qty			
	Price	5320	23	46	12
		23			
		45			
		34			

Step 7 :Column and Row Analysis

Select Data ->what if analysis->Data Table

In Row input cell select Price amount

In column input cell select quantity amount and click OK

Output:

	Qty			
Price	5320	23	56	76
	23			
	45			
	34			

Data Table ? x

Row input cell: ↑

Column input cell: ↑

OK Cancel

	Qty			
Price	5320	23	46	12
	23	529	1058	276
	45	1035	2070	540
	34	782	1564	408