Practical No.6

Apply the what – if Analysis for data visualization. Design and generate necessary reports based on the data warehouse data.

What-If Analysis

- What-If Analysis is the process of changing the values in cells to see how those changes will affect the outcome of formulas on the worksheet.
- What-If Analysis in Excel allows you to try out different values (scenarios) for formulas.
- Three kinds of **What-If Analysis** tools come with **Excel**:
- Scenarios, Goal Seek, and Data Tables.
- Scenarios and Data tables take sets of input values and determine possible results.

Goal Seek

If you know the result that you want from a formula, but you are not sure what input value the formula requires to get that result, you can use the **Goal Seek** feature.

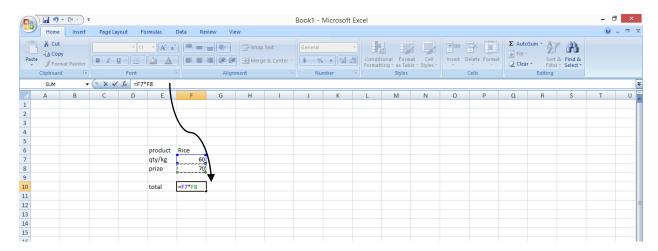
Data Table

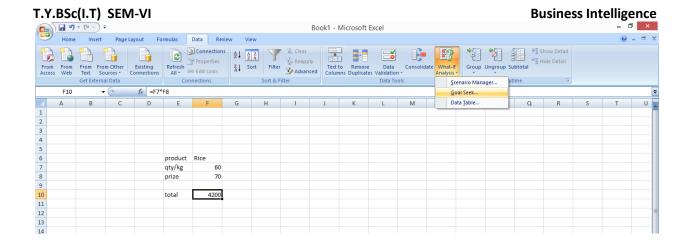
If you have a formula that uses one or two variables, or multiple formulas that all use one common variable, you can use a **Data Table** to see all the outcomes in one place.

Scenario Manager

A <u>Scenario Manager</u> is a set of values that Excel saves and can substitute automatically in cells on a worksheet. You can create and save different groups of values on a worksheet and then switch to any of these new scenarios to view different results.

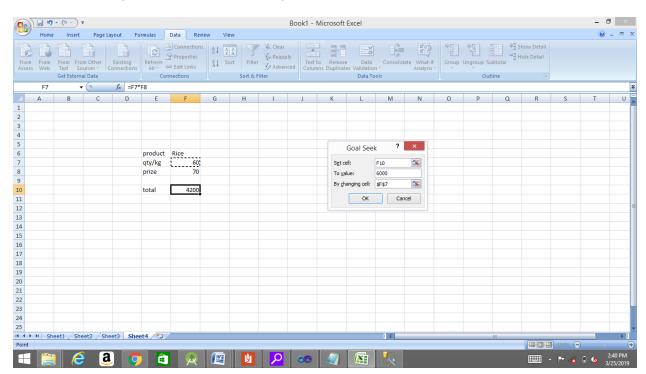
a) Understanding Goal Seek Option

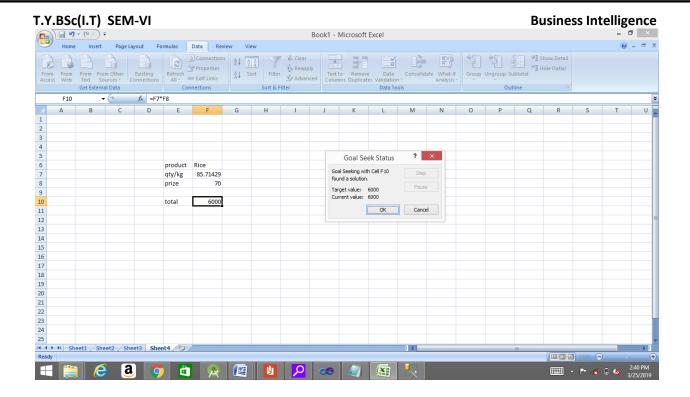




To Change qyt to achieve 6000/-. How much qty will be required.

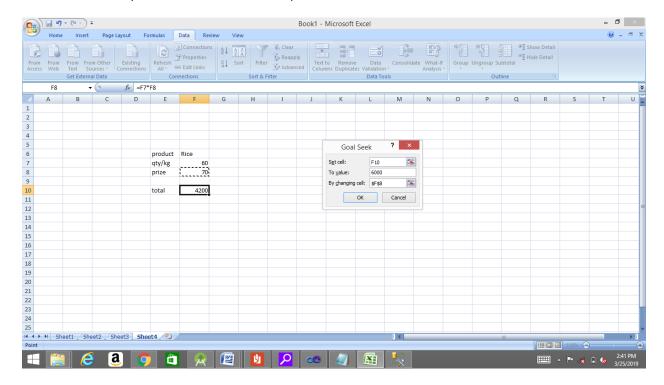
Go to What-If analysis and select Goal Seek Option

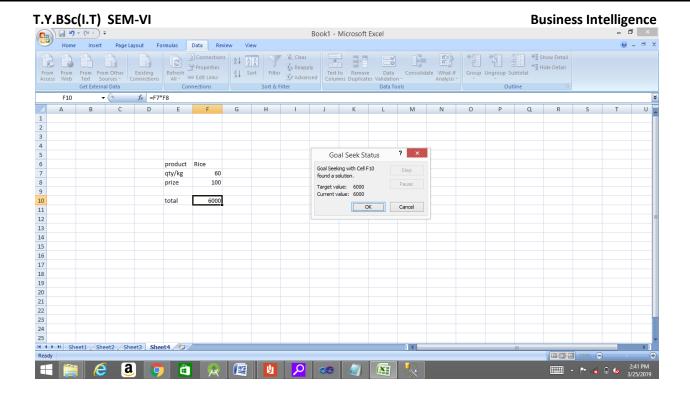




To Change prize to achieve 6000/-. How much prize will be required.

Go to What-If analysis and select Goal Seek Option

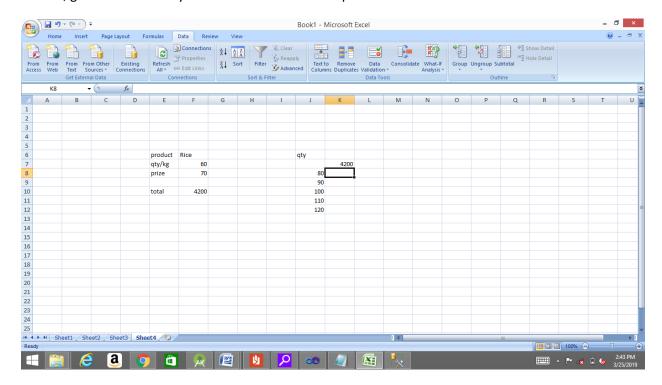


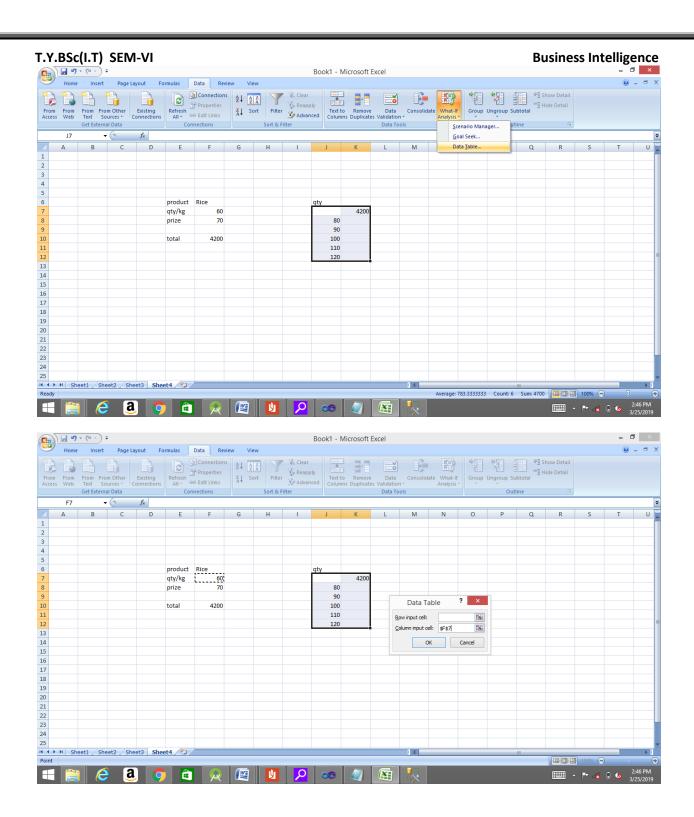


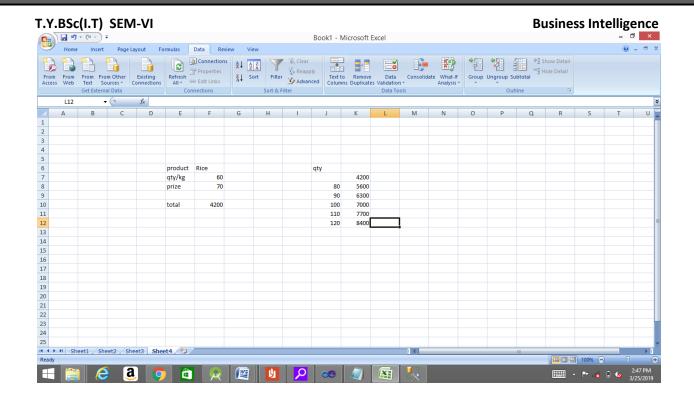
b) Understanding Data Table Option

Generate Data table using qty.

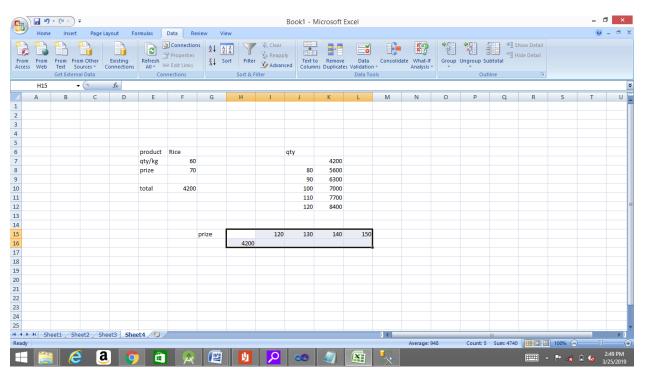
For this, go to What-If analysis and select Data Table option.

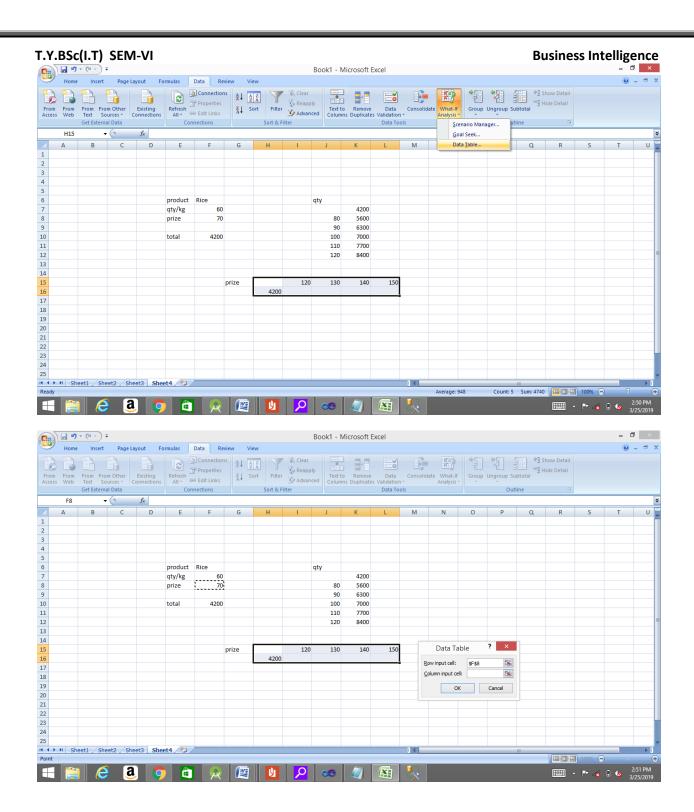


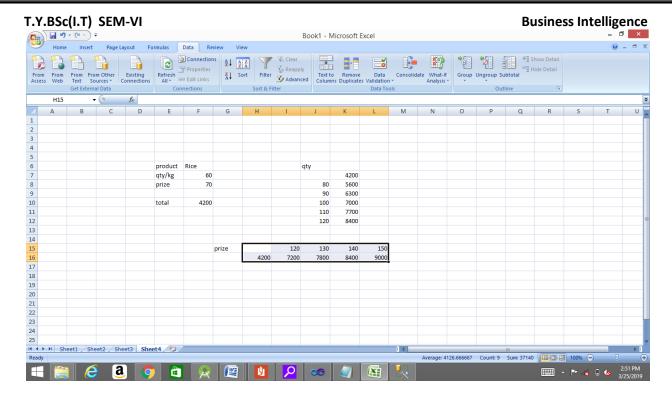




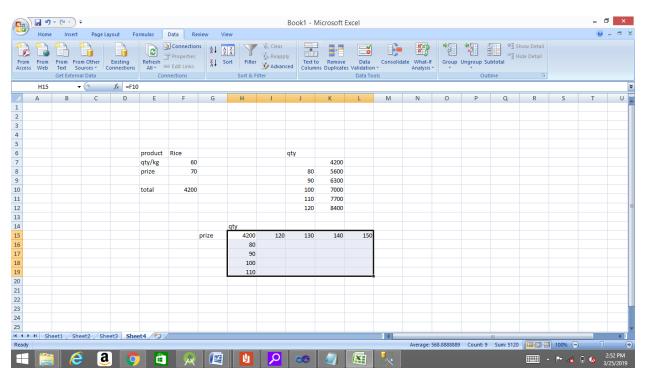
Generate Data table using prize.

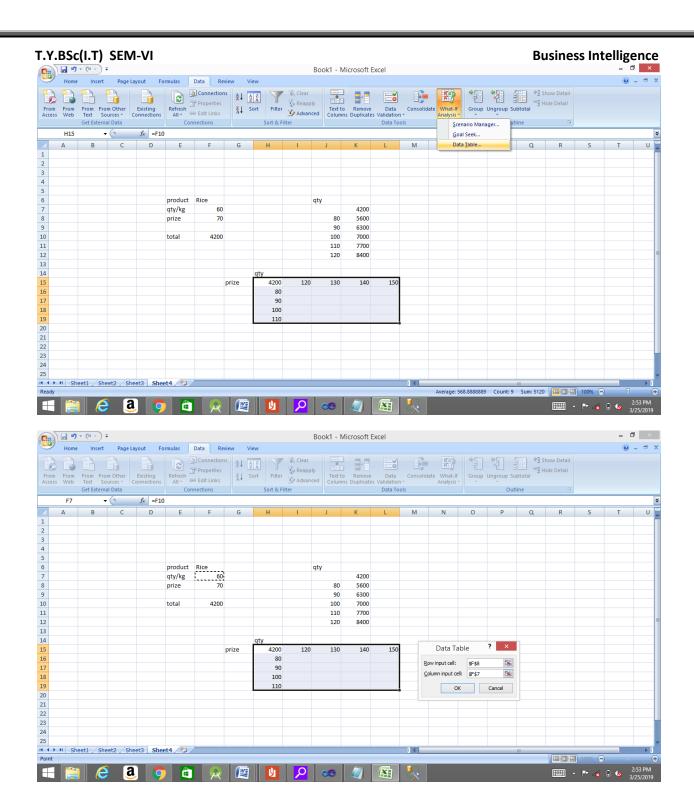


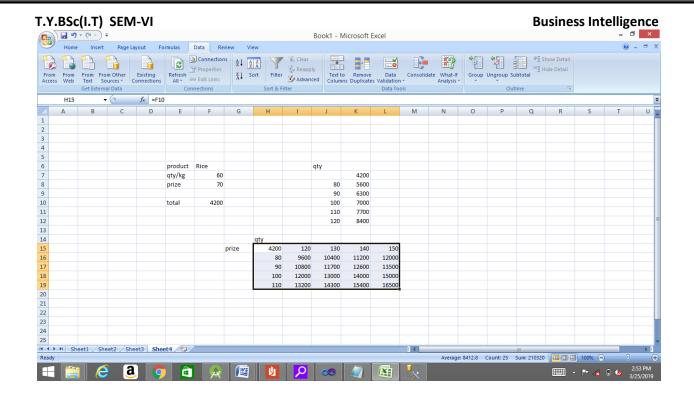




Generate Data table using qty and prize both.







c) Understanding Scenario Manager Option

