

In this Project you need to prepare a calculator which can be used in such a way that whenever you give certain inputs you will get a calculated price which can be precisely given to customers for payment or they can summarize their travel expenditure when they are planning.

Table 1

Cab type	Validity Start	Validity End	Price per day
Swift Dzire	01/01/2021	30/04/2021	1200
Swift Dzire	01/05/2021	31/12/2021	1300
Innova	01/01/2021	30/04/2021	2100
Innova	01/05/2021	31/12/2021	2200
Ertiga	01/01/2021	30/04/2021	2800
Ertiga	01/05/2021	31/12/2021	3000

Input Table

Car Type	Swift Dzire
Trip Start Date	15/1/2021
Trip End Date	25/08/2021
No. of Cabs	6

	Total Cab Day	Cab/day Price	Total Price for Cab	Final cab price
Trip Start Date	352	2800	985600	1255600
Trip End Date	90	3000	270000	

Sample 1

**Questions**

1. Write scripts in each of the cell in table below such that whenever you push inputs in input table you will get output like in sample 1 ?

	Total Cab Day	Cab/day Price	Total Price for Cab	Final cab price
Trip Start Date	105	1200	126000	1660800
Trip End Date	116	1300	150800	

← Write your script here

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Table 2

Hotel Name	Room Name	Validity Start	Validity End	Price per day
Radisson	Standard	01/01/2021	30/06/2021	4000
Radisson	Deluxe	01/01/2021	30/06/2021	7000
Radisson	Standard	01/07/2021	31/12/2021	4500
Radisson	Deluxe	01/07/2021	31/12/2021	8000
Taj	Standard	01/01/2021	30/06/2021	6000
Taj	Deluxe	01/01/2021	30/06/2021	9000
Taj	Standard	01/07/2021	31/12/2021	6500
Taj	Deluxe	01/07/2021	31/12/2021	9500

Input Table

Hotel Name	Taj
Room Name	Deluxe
Trip Start Date	20/01/2021
Trip End Date	25/07/2021
No. of Rooms	5

Hotel/ Room
Taj Deluxe

Sample 1

	Total Room Day	Room/day	Total Price for	Final Room price
Trip Start Date	168	9000	1512000	1787500
Trip End Date	29	9500	275500	

Sample 2

**Questions**

2. Write a script to get name of Hotel and Room such that whenever you give inputs in input table you will get output like in sample 1?

Hotel/ Room Name
Taj Deluxe

Write your script here

3. Write scripts in each of the cell in table below such that whenever you push inputs in input table you will get output like in sample 2 ?

	Total Room Day	Room/day Price	Total Price for	Final Room price
Trip Start Date	161	9000	1449000	8385000
Trip End Date	24	9500	228000	

Write your script here

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Cab type	Validity Start	Validity End	Price per day
Swift Dzire	01/01/2021	30/04/2021	1200
Swift Dzire	01/05/2021	31/12/2021	1300
Innova	01/01/2021	30/04/2021	2100
Innova	01/05/2021	31/12/2021	2200
Ertiga	01/01/2021	30/04/2021	2800
Ertiga	01/05/2021	31/12/2021	3000

Hotel Name	Room Name	Validity Start	Validity End	Price per day
Radisson	Standard	01/01/2021	30/06/2021	4000
Radisson	Deluxe	01/01/2021	30/06/2021	7000
Radisson	Standard	01/07/2021	31/12/2021	4500
Radisson	Deluxe	01/07/2021	31/12/2021	8000
Taj	Standard	01/01/2021	30/06/2021	6000
Taj	Deluxe	01/01/2021	30/06/2021	9000
Taj	Standard	01/07/2021	31/12/2021	6500
Taj	Deluxe	01/07/2021	31/12/2021	9500

Car Type	Swift Dzire
Hotel Name	Taj
Room Name	Deluxe
Trip Start Date	15/01/2021
Trip End Date	25/08/2021
No. of Rooms	5
No. of Cabs	6

Final Product - Calculator: No need to give any input here. You need to extract values from sheet1 and sheet 2 as in your question 6.

Question 4. Use HLOOKUP to get Final Room price and Final Cab Price?

Final Room price	Final cab price	Write your Script Here ?
8385000	1660800	

Question 4. Find the total Calculated price ?

Total Calculated price	10045800	Write your Script Here ?
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Questions 5. Use data validation drop down in input table(i.e :Text Input ) ?

Answer - I have used data validation drop down in input table(i.e:Text Input) in Sheet1 and Sheet2.

Questions 6. Automate all the sheets such like whenever you are changing any values in Input table in sheet 1 and sheet 2 have reflections in sheet 3 which is your end product ?(Hint: Use VLOOKUP and HLOOKUP)

Answer - I have automated all the sheets such like whenever we are changing any values in input table in sheet1 and sheet2 have reflections in sheet3 which is our end product.