

## PW Assignment-1<sup>st</sup>

### Prob-1

Vehicle	Price	Relative Cell Referencing:	500000	(=B2)
Car	500000	Absolute Cell Referencing:	500000	(=\$B\$2)
Bicycle	10500	Mixed Cell Referencing:	500000	(=B\$2)or, (=\$B2)
Auto-Rickshaw	25000			

Relative referencing changes automatically when copied, absolute referencing stays fixed using \$, and mixed referencing fixes either the row or column depending on requirement.

### Prob.-2

Vehicle	Price
Car	500000
Bicycle	10500
Auto-Rickshaw	25000

Formula to calculate the total sales of Car and Bicycle only in excel:-

If suppose,

**Product / Vehicle** → Column A

**Total Sales** → Column B

Formula: =SUMIF(A:A,"Car",B:B)+SUMIF(A:A,"Bicycle",B:B)

### Prob-3.

Item	Price	Sales
A	90	1000
B	150	1200
C	250	1500

Using the data, the formula to calculate the average sales of items priced above 100 but less than 300:

**Ans: -** 1350 [=AVERAGEIFS(C:C,B:B,">100",B:B,"<300")]  
(C cell- Sales, B Cell-Price)