1.

With cte as (

Select

o.ExternOrderNo,

i.AWB\_Code,

i.Charged\_Weight,

SUM((s.Weight\_g\*o.Order\_Qty)/1000) AS WEIGHT,

p.Zone As zone\_x,

i.Zone as zone\_transport

from dbo.Order\_Report\_x o

inner join dbo.Company\_Invoice\_c i

on o.ExternOrderNo=i.Order\_ID

inner join SKU\_Master\_x s

on s.SKU=o.SKU

inner join dbo.Pincode\_Zones\_x p

on p.Customer\_Pincode=i.Customer\_Pincode

GROUP BY o.ExternOrderNo,i.AWB\_Code,i.Charged\_Weight,p.Zone,i.Zone),

ste as (

select ExternOrderNo,

AWB\_Code,WEIGHT,

(CASE

WHEN WEIGHT > 0 AND WEIGHT <= 0.5 THEN 0.5

WHEN WEIGHT > 0.5 AND WEIGHT <= 1 THEN 1

WHEN WEIGHT > 1 AND WEIGHT <= 1.5 THEN 1.5

WHEN WEIGHT > 1.5 AND WEIGHT <= 2 THEN 2

WHEN WEIGHT > 2 AND WEIGHT <= 2.5 THEN 2.5

WHEN WEIGHT > 2.5 THEN 3

END) as Slab\_x,

Charged\_Weight,

(CASE

WHEN Charged\_Weight> 0 AND Charged\_Weight <= 0.5 THEN 0.5

WHEN Charged\_Weight > 0.5 AND Charged\_Weight <= 1 THEN 1

WHEN Charged\_Weight > 1 AND Charged\_Weight <= 1.5 THEN 1.5

WHEN Charged\_Weight > 1.5 AND Charged\_Weight <= 2 THEN 2

WHEN Charged\_Weight > 2 AND Charged\_Weight <= 2.5 THEN 2.5

WHEN Charged\_Weight > 2.5 THEN 3

END) as Courier,zone\_x,zone\_transport

from cte),

hte as (

select s.\*,(s.Slab\_x/0.5) as ref,i.Billing\_Amount\_Rs,i.Type\_of\_Shipment from ste s

inner join dbo.Company\_Invoice\_c i

ON i.AWB\_Code=s.AWB\_Code),

pte as (

Select ExternOrderNo,AWB\_Code,WEIGHT,Slab\_x,Charged\_Weight,Courier,zone\_x,zone\_transport,ref,Billing\_Amount\_Rs,Type\_of\_Shipment,

(Case when Type\_of\_Shipment='Forward charges' and zone\_x='a' and Slab\_x>0.5 then 'fwd\_a\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='a' and Slab\_x<=0.5 then 'fwd\_a\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='b' and Slab\_x>0.5 then 'fwd\_b\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='b' and Slab\_x<=0.5 then 'fwd\_b\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='c' and Slab\_x>0.5 then 'fwd\_c\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='c' and Slab\_x<=0.5 then 'fwd\_c\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='d' and Slab\_x>0.5 then 'fwd\_d\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='d' and Slab\_x<=0.5 then 'fwd\_d\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='e' and Slab\_x>0.5 then 'fwd\_e\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='e' and Slab\_x<=0.5 then 'fwd\_e\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='a' and Slab\_x>0.5 then 'rto\_a\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='a' and Slab\_x<=0.5 then 'rto\_a\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='b' and Slab\_x>0.5 then 'rto\_b\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='b' and Slab\_x<=0.5 then 'rto\_b\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='c' and Slab\_x>0.5 then 'rto\_c\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='c' and Slab\_x<=0.5 then 'rto\_c\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='d' and Slab\_x>0.5 then 'rto\_d\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='d' and Slab\_x<=0.5 then 'rto\_d\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='e' and Slab\_x>0.5 then 'rto\_e\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='e' and Slab\_x<=0.5 then 'rto\_e\_fixed'

end) as category

from hte),

mte as (

SELECT p.\*, r.Price,CASE

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'a' THEN 'fwd\_a\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'b' THEN 'fwd\_b\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'c' THEN 'fwd\_c\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'd' THEN 'fwd\_d\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'e' THEN 'fwd\_e\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'a' THEN 'rto\_a\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'b' THEN 'rto\_b\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'c' THEN 'rto\_c\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'd' THEN 'rto\_d\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'e' THEN 'rto\_e\_fixed'

END AS fixed

FROM pte p

INNER JOIN dbo.Courier\_Company\_Rates r ON p.category = r.Shipment\_Category),

ate as (

select m.\*,

round((case when m.Slab\_x>0.5 then (ref-1) else 0 end),0) as che,

r.price as fixed\_price

from mte m

inner join dbo.Courier\_Company\_Rates r

on m.fixed=r.Shipment\_Category),

bte as (

select \*,(case when che=1 then fixed\_price else fixed\_price+(Price\*che) end) as expected\_x from ate)

Select ExternOrderNo as Order\_ID,

AWB\_CODE,WEIGHT AS Total\_Weight\_As\_x,

Slab\_x as weight\_slab\_x,

charged\_weight as charged\_weight\_as\_courier,

courier as Weight\_slab\_as\_courier,

zone\_x as Delivery\_zone\_x,

zone\_transport as Delivery\_zone\_courier,

expected\_x as expected\_charge\_by\_x,

Billing\_Amount\_Rs as Billed\_by\_courier\_company,

expected\_x-Billing\_Amount\_Rs as DIFFERENCE

from bte

--Where ExternOrderNo=2001806232 and AWB\_Code=1091117222124

2.

With cte as (

Select

o.ExternOrderNo,

i.AWB\_Code,

i.Charged\_Weight,

SUM((s.Weight\_g\*o.Order\_Qty)/1000) AS WEIGHT,

p.Zone As zone\_x,

i.Zone as zone\_transport

from dbo.Order\_Report\_x o

inner join dbo.Company\_Invoice\_c i

on o.ExternOrderNo=i.Order\_ID

inner join SKU\_Master\_x s

on s.SKU=o.SKU

inner join dbo.Pincode\_Zones\_x p

on p.Customer\_Pincode=i.Customer\_Pincode

GROUP BY o.ExternOrderNo,i.AWB\_Code,i.Charged\_Weight,p.Zone,i.Zone),

ste as (

select ExternOrderNo,

AWB\_Code,WEIGHT,

(CASE

WHEN WEIGHT > 0 AND WEIGHT <= 0.5 THEN 0.5

WHEN WEIGHT > 0.5 AND WEIGHT <= 1 THEN 1

WHEN WEIGHT > 1 AND WEIGHT <= 1.5 THEN 1.5

WHEN WEIGHT > 1.5 AND WEIGHT <= 2 THEN 2

WHEN WEIGHT > 2 AND WEIGHT <= 2.5 THEN 2.5

WHEN WEIGHT > 2.5 THEN 3

END) as Slab\_x,

Charged\_Weight,

(CASE

WHEN Charged\_Weight> 0 AND Charged\_Weight <= 0.5 THEN 0.5

WHEN Charged\_Weight > 0.5 AND Charged\_Weight <= 1 THEN 1

WHEN Charged\_Weight > 1 AND Charged\_Weight <= 1.5 THEN 1.5

WHEN Charged\_Weight > 1.5 AND Charged\_Weight <= 2 THEN 2

WHEN Charged\_Weight > 2 AND Charged\_Weight <= 2.5 THEN 2.5

WHEN Charged\_Weight > 2.5 THEN 3

END) as Courier,zone\_x,zone\_transport

from cte),

hte as (

select s.\*,(s.Slab\_x/0.5) as ref,i.Billing\_Amount\_Rs,i.Type\_of\_Shipment from ste s

inner join dbo.Company\_Invoice\_c i

ON i.AWB\_Code=s.AWB\_Code),

pte as (

Select ExternOrderNo,AWB\_Code,WEIGHT,Slab\_x,Charged\_Weight,Courier,zone\_x,zone\_transport,ref,Billing\_Amount\_Rs,Type\_of\_Shipment,

(Case when Type\_of\_Shipment='Forward charges' and zone\_x='a' and Slab\_x>0.5 then 'fwd\_a\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='a' and Slab\_x<=0.5 then 'fwd\_a\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='b' and Slab\_x>0.5 then 'fwd\_b\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='b' and Slab\_x<=0.5 then 'fwd\_b\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='c' and Slab\_x>0.5 then 'fwd\_c\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='c' and Slab\_x<=0.5 then 'fwd\_c\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='d' and Slab\_x>0.5 then 'fwd\_d\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='d' and Slab\_x<=0.5 then 'fwd\_d\_fixed'

when Type\_of\_Shipment='Forward charges' and zone\_x='e' and Slab\_x>0.5 then 'fwd\_e\_additional'

when Type\_of\_Shipment='Forward charges' and zone\_x='e' and Slab\_x<=0.5 then 'fwd\_e\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='a' and Slab\_x>0.5 then 'rto\_a\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='a' and Slab\_x<=0.5 then 'rto\_a\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='b' and Slab\_x>0.5 then 'rto\_b\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='b' and Slab\_x<=0.5 then 'rto\_b\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='c' and Slab\_x>0.5 then 'rto\_c\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='c' and Slab\_x<=0.5 then 'rto\_c\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='d' and Slab\_x>0.5 then 'rto\_d\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='d' and Slab\_x<=0.5 then 'rto\_d\_fixed'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='e' and Slab\_x>0.5 then 'rto\_e\_additional'

when Type\_of\_Shipment='Forward and RTO charges' and zone\_x='e' and Slab\_x<=0.5 then 'rto\_e\_fixed'

end) as category

from hte),

mte as (

SELECT p.\*, r.Price,CASE

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'a' THEN 'fwd\_a\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'b' THEN 'fwd\_b\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'c' THEN 'fwd\_c\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'd' THEN 'fwd\_d\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward charges' AND p.zone\_x = 'e' THEN 'fwd\_e\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'a' THEN 'rto\_a\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'b' THEN 'rto\_b\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'c' THEN 'rto\_c\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'd' THEN 'rto\_d\_fixed'

WHEN p.Type\_of\_Shipment = 'Forward and RTO charges' AND p.zone\_x = 'e' THEN 'rto\_e\_fixed'

END AS fixed

FROM pte p

INNER JOIN dbo.Courier\_Company\_Rates r ON p.category = r.Shipment\_Category),

ate as (

select m.\*,

round((case when m.Slab\_x>0.5 then (ref-1) else 0 end),0) as che,

r.price as fixed\_price

from mte m

inner join dbo.Courier\_Company\_Rates r

on m.fixed=r.Shipment\_Category),

bte as (

select \*,(case when che=1 then fixed\_price else fixed\_price+(Price\*che) end) as expected\_x from ate),

dte as (

Select ExternOrderNo as Order\_ID,

AWB\_CODE,WEIGHT AS Total\_Weight\_As\_x,

Slab\_x as weight\_slab\_x,

charged\_weight as charged\_weight\_as\_courier,

courier as Weight\_slab\_as\_courier,

zone\_x as Delivery\_zone\_x,

zone\_transport as Delivery\_zone\_courier,

expected\_x as expected\_charge\_by\_x,

Billing\_Amount\_Rs as Billed\_by\_courier\_company,

expected\_x-Billing\_Amount\_Rs as DIFFERENCE

from bte

Where ExternOrderNo=2001806232 and AWB\_Code=1091117222124)

Select 'Total orders where X has been correctly charged' as Description,count(\*) As cnt,round(sum(expected\_charge\_by\_x),0) As 'Amount (Rs)'

from dte

where DIFFERENCE=0

UNION

Select 'Total Orders where X has been overcharged' as Description,count(\*) As cnt,round(sum(DIFFERENCE),0) As 'Amount (Rs)'

from dte

where DIFFERENCE<0

union

Select 'Total Orders where X has been undercharged' as Description,count(\*) As cnt,round(sum(DIFFERENCE),0) As 'Amount (Rs)'

from dte

where DIFFERENCE>0