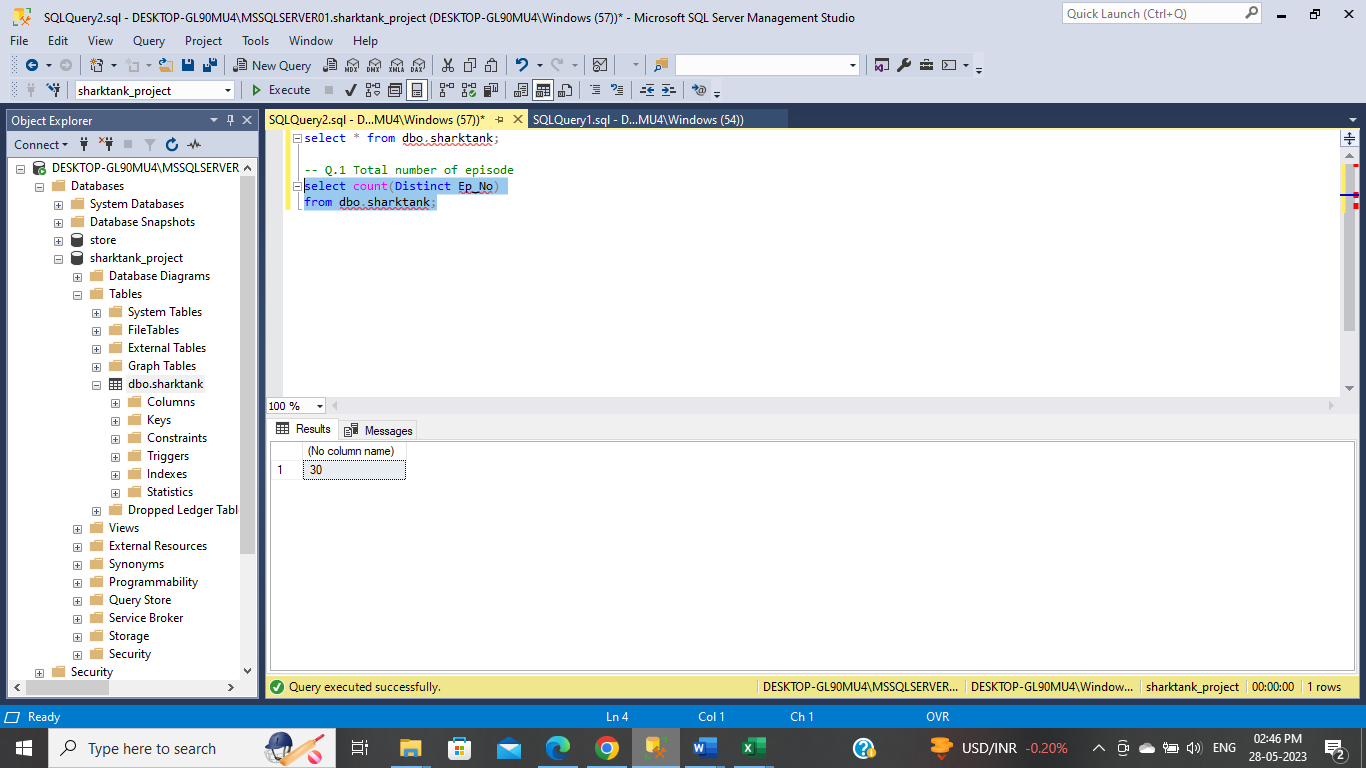
select \* from dbo.sharktank;

Q.1 Total number of episode

select count(Distinct Ep\_No)

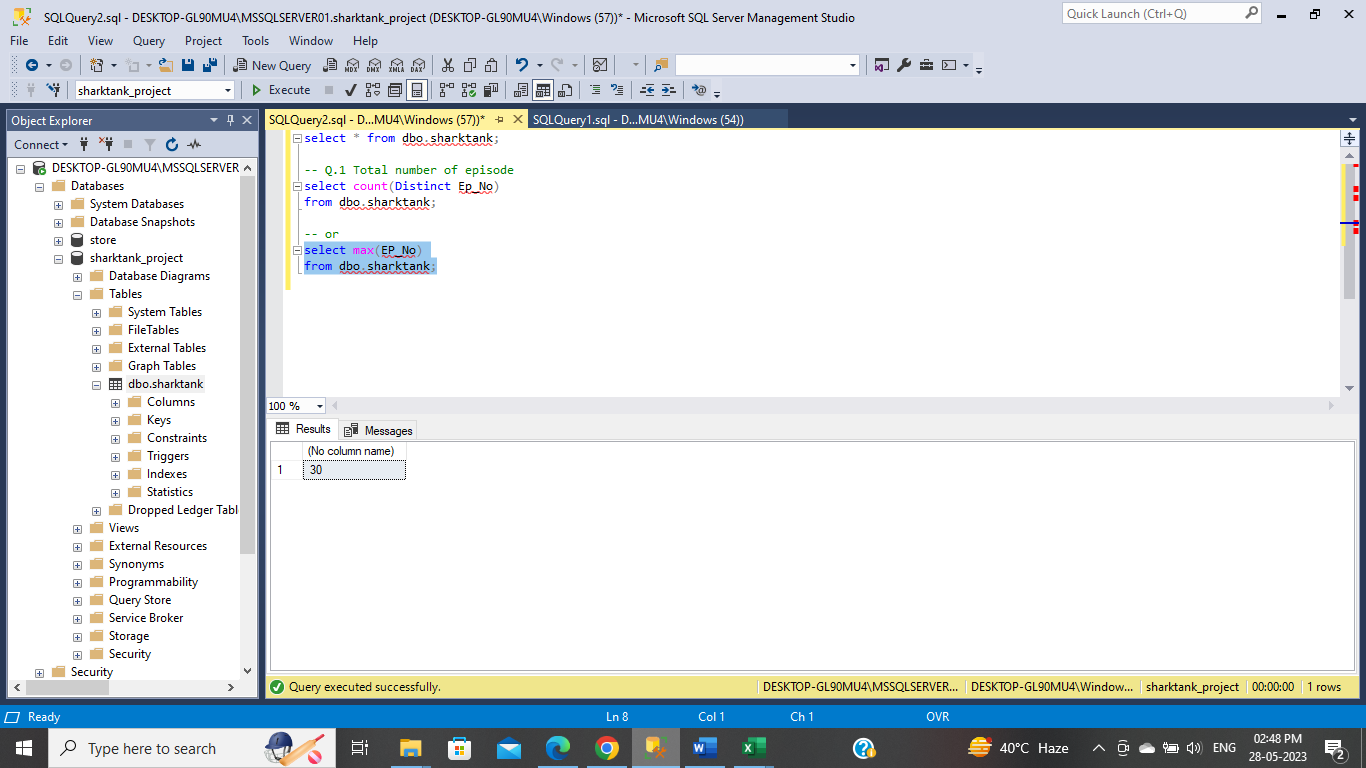
from dbo.sharktank;



Or

select max(EP\_No)

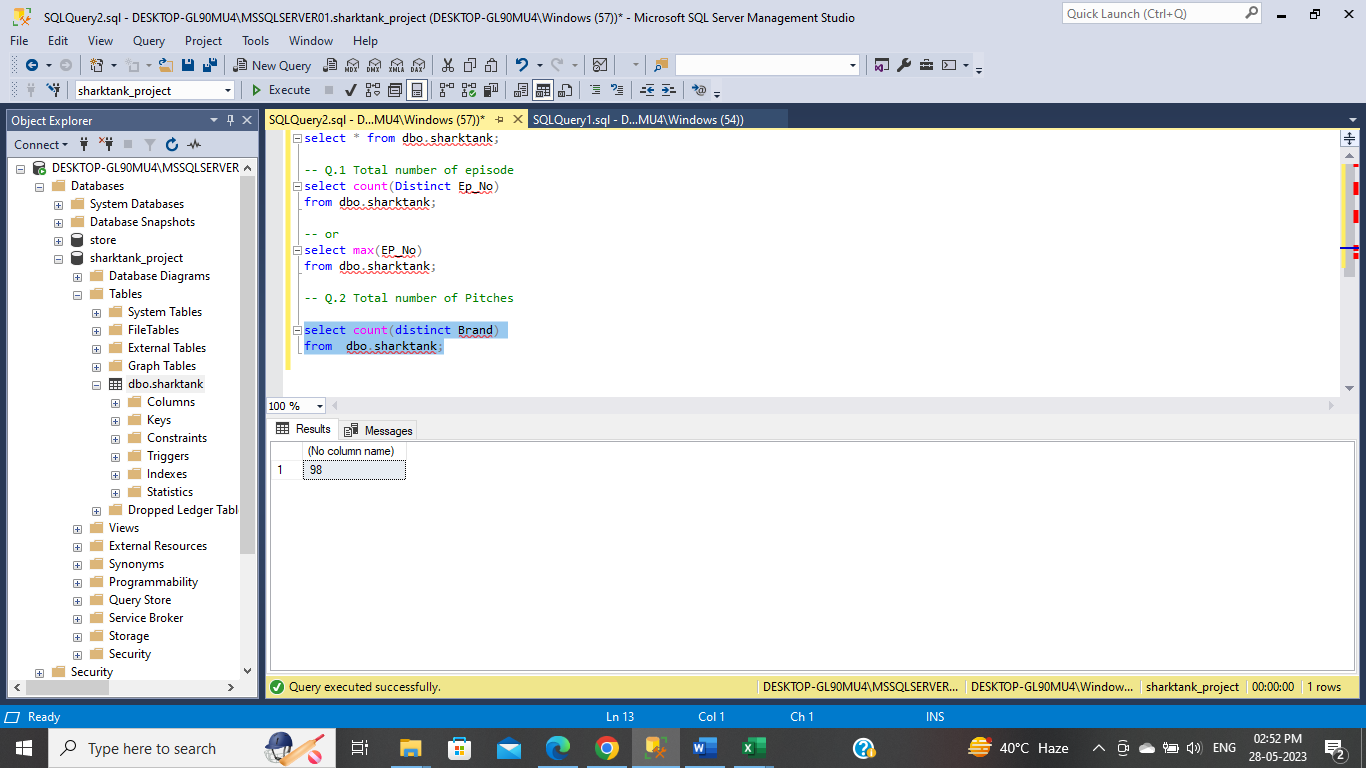
from dbo.sharktank;



Q.2 Total number of Pitches

select count(distinct Brand)

from dbo.sharktank;



Q.3 How many pitches converted

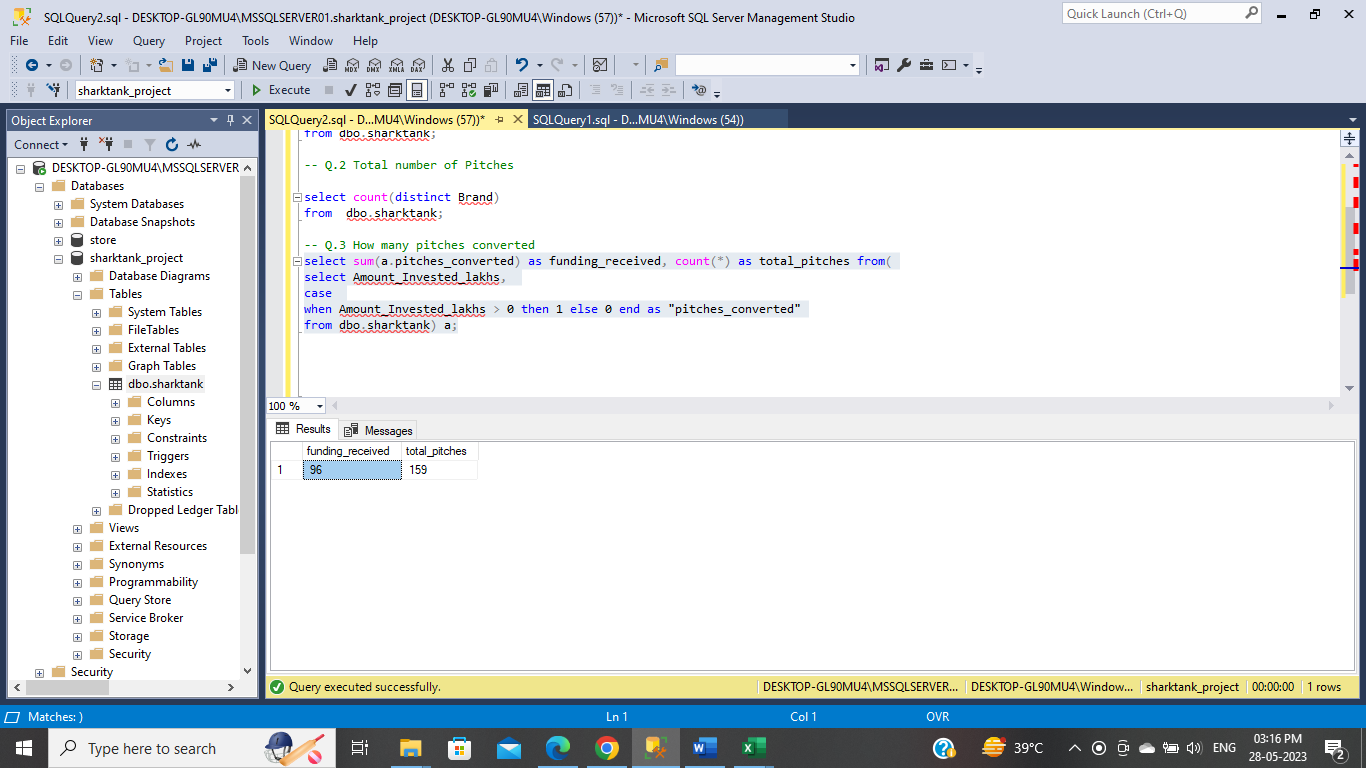
select sum(a.pitches\_converted) as funding\_received, count(\*) as total\_pitches from(

select Amount\_Invested\_lakhs,

case

when Amount\_Invested\_lakhs > 0 then 1 else 0 end as "pitches\_converted"

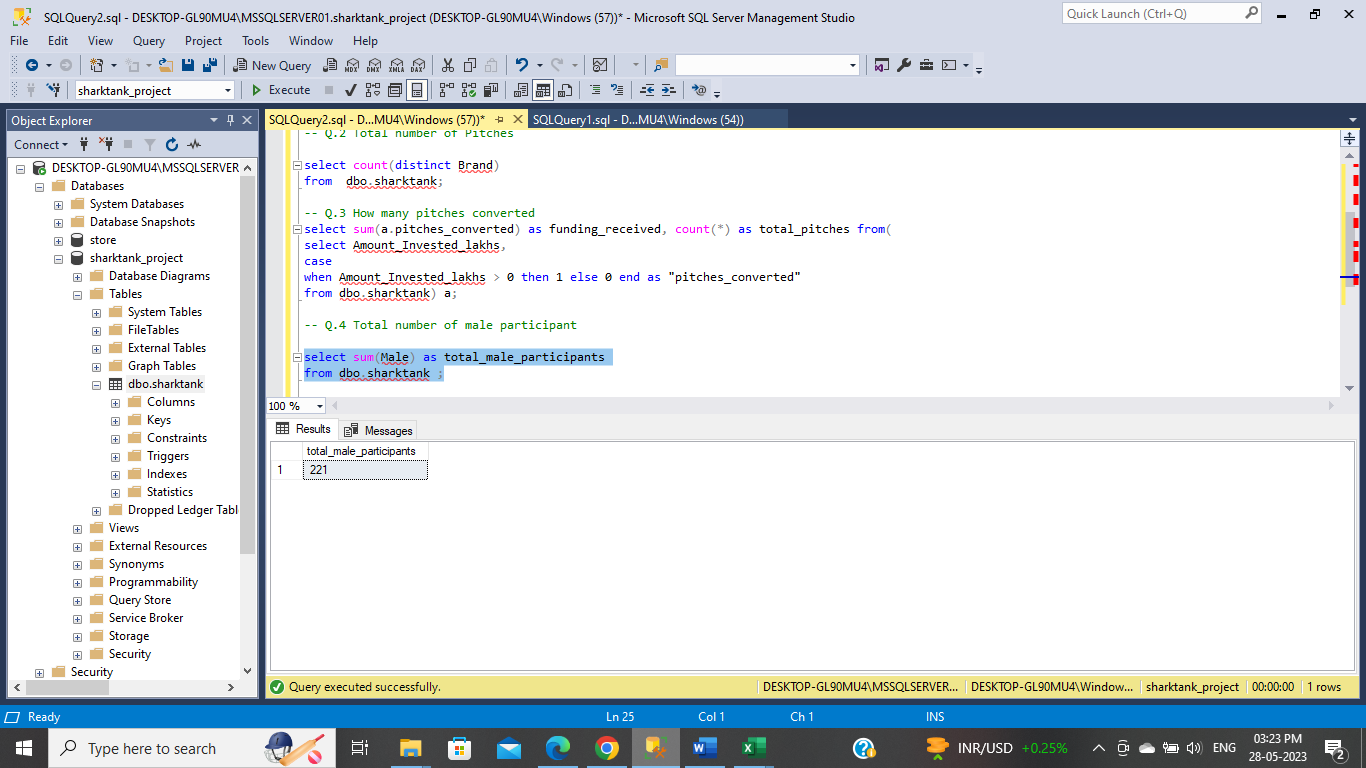
from dbo.sharktank) a;



Q.4 Total number of male participant

select sum(Male) as total\_male\_participants

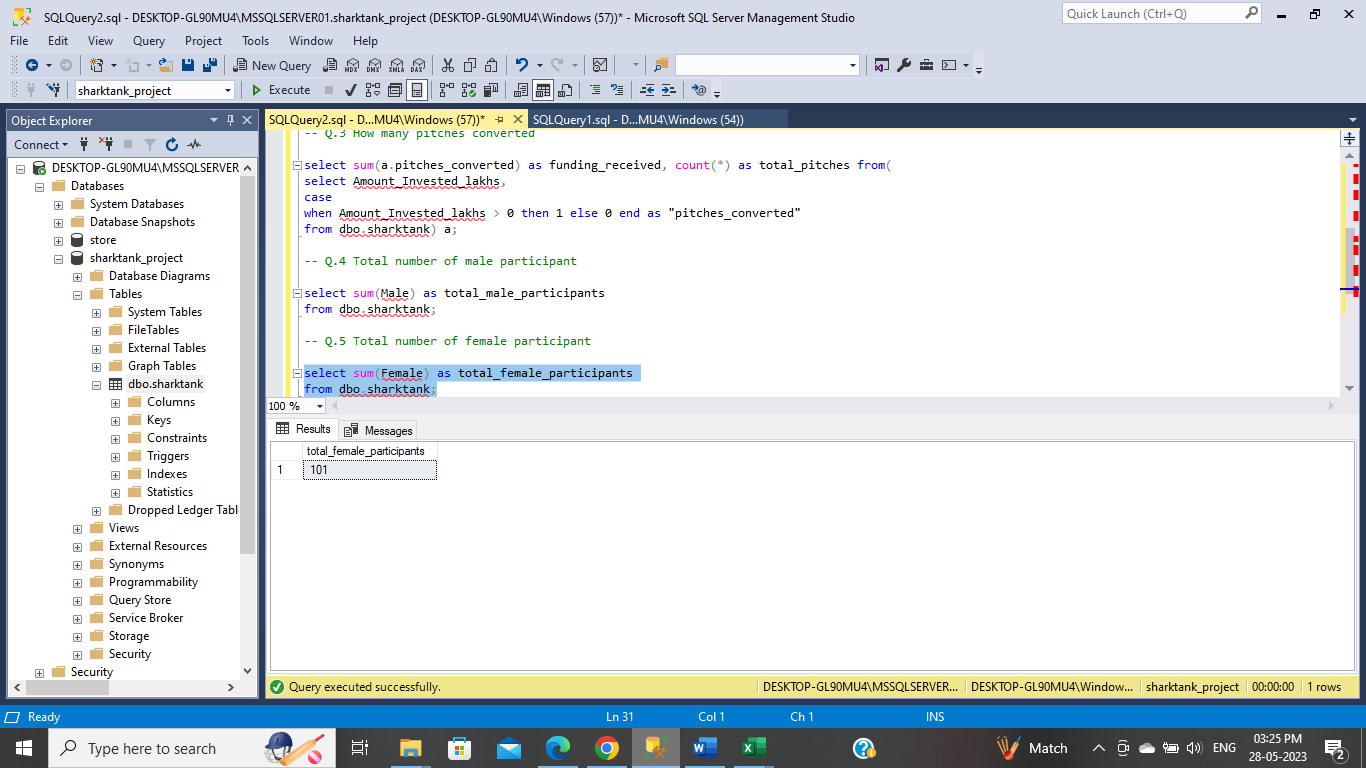
from dbo.sharktank ;



Q.5 Total number of female participant

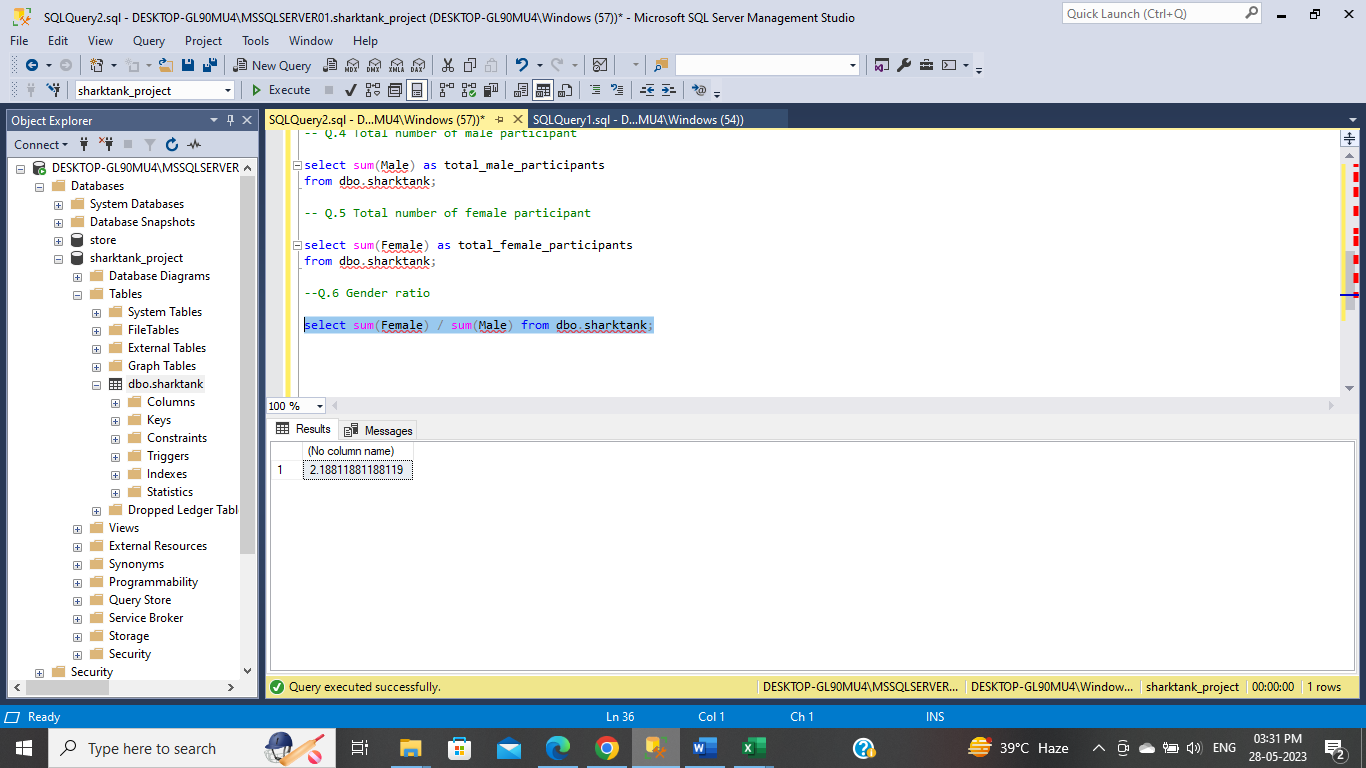
select sum(Female) as total\_female\_participants

from dbo.sharktank;



Q.6 Gender ratio

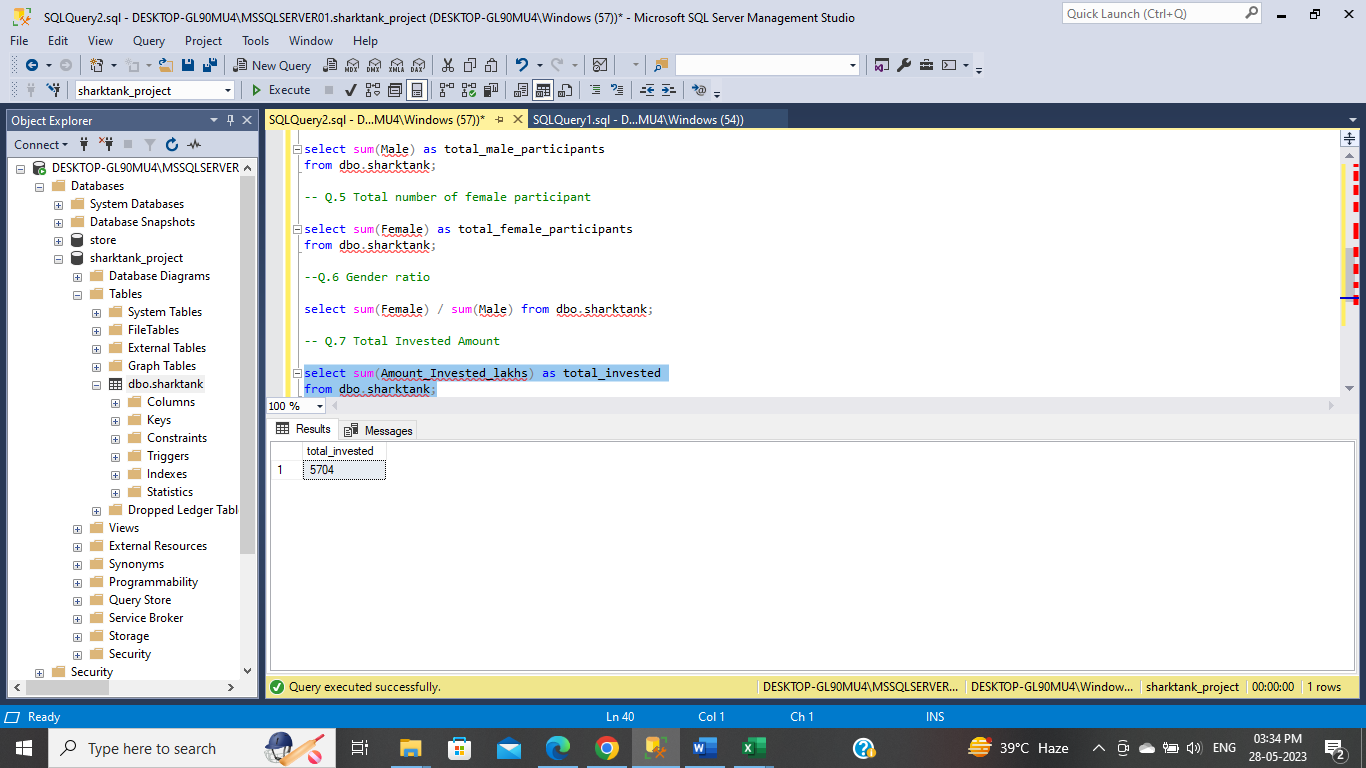
select sum(Female) / sum(Male) from dbo.sharktank;



Q.7 Total Invested Amount

select sum(Amount\_Invested\_lakhs) as total\_invested

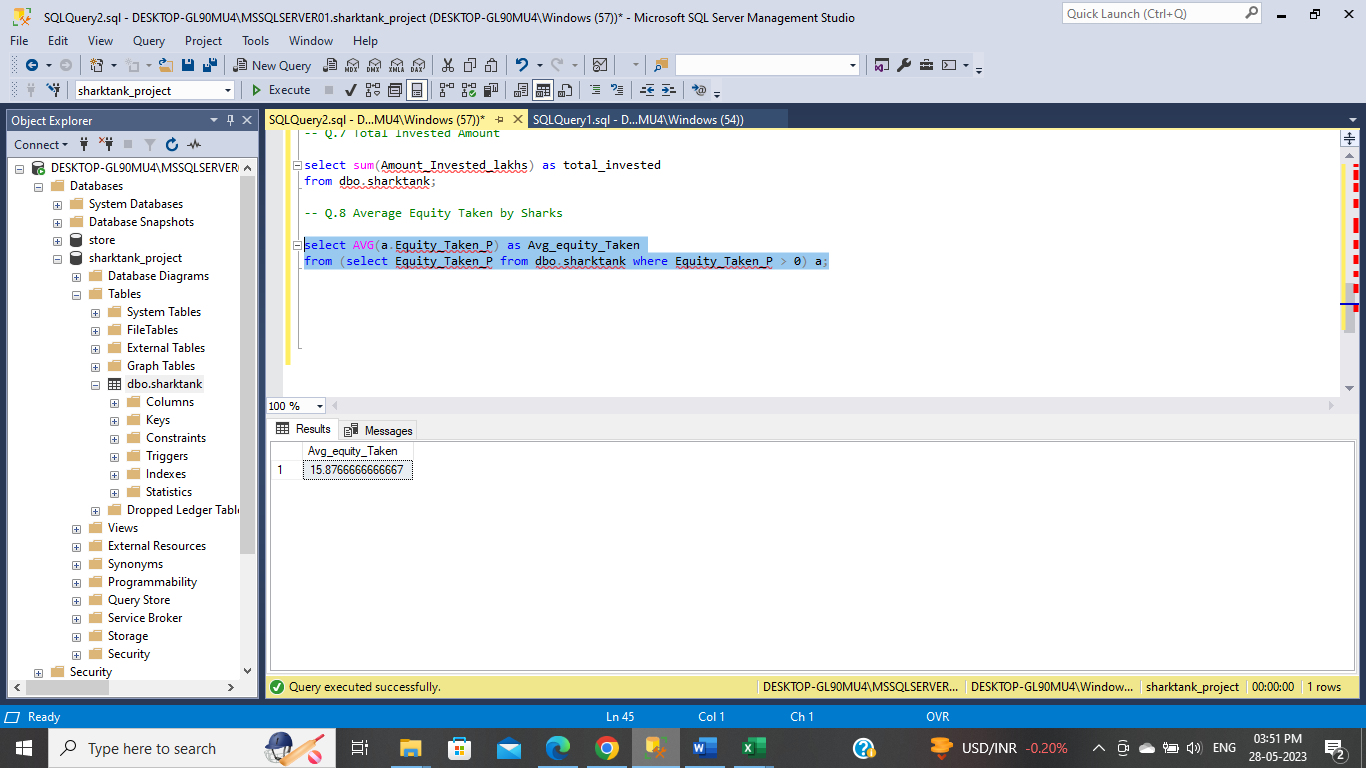
from dbo.sharktank;



Q.8 Average Equity Taken by Sharks

select AVG(a.Equity\_Taken\_P) as Avg\_equity\_Taken

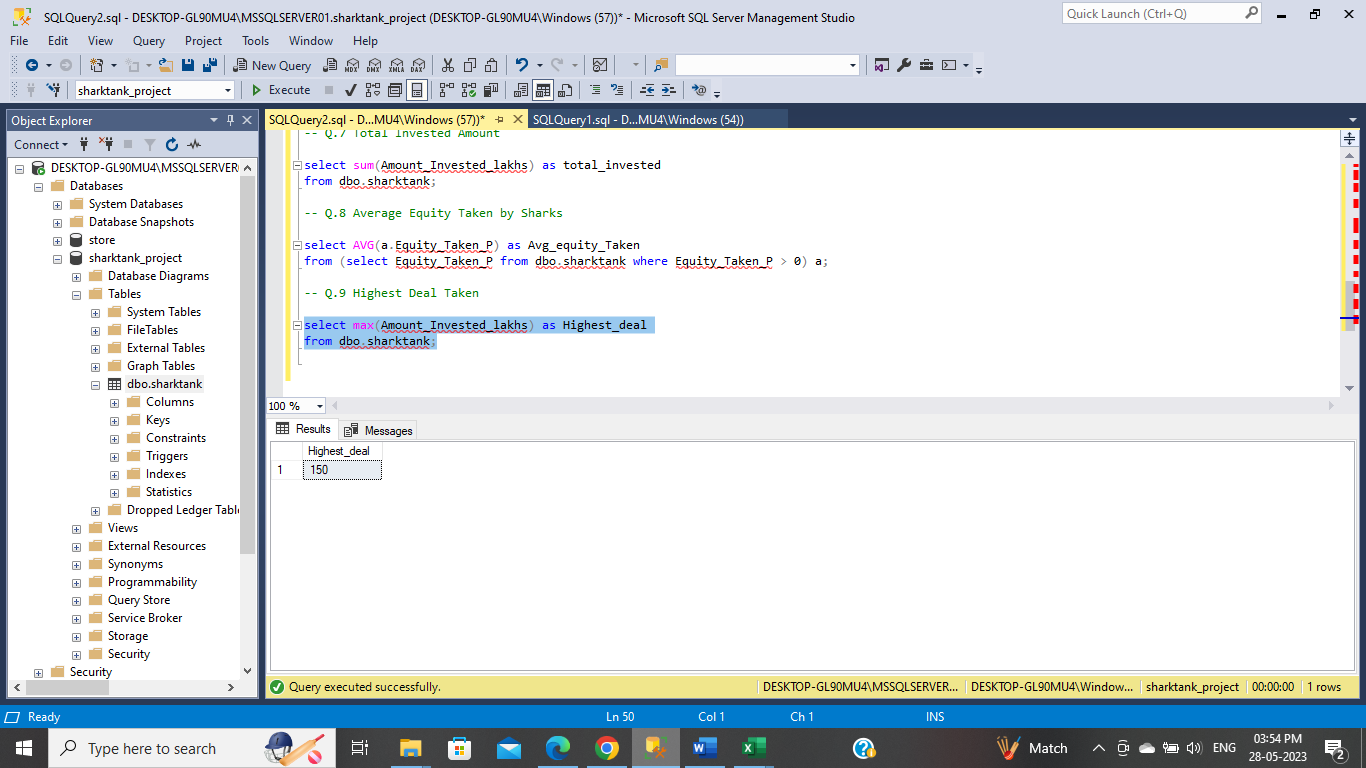
from (select Equity\_Taken\_P from dbo.sharktank where Equity\_Taken\_P > 0) a;



Q.9 Highest Deal Taken

select max(Amount\_Invested\_lakhs) as Highest\_deal

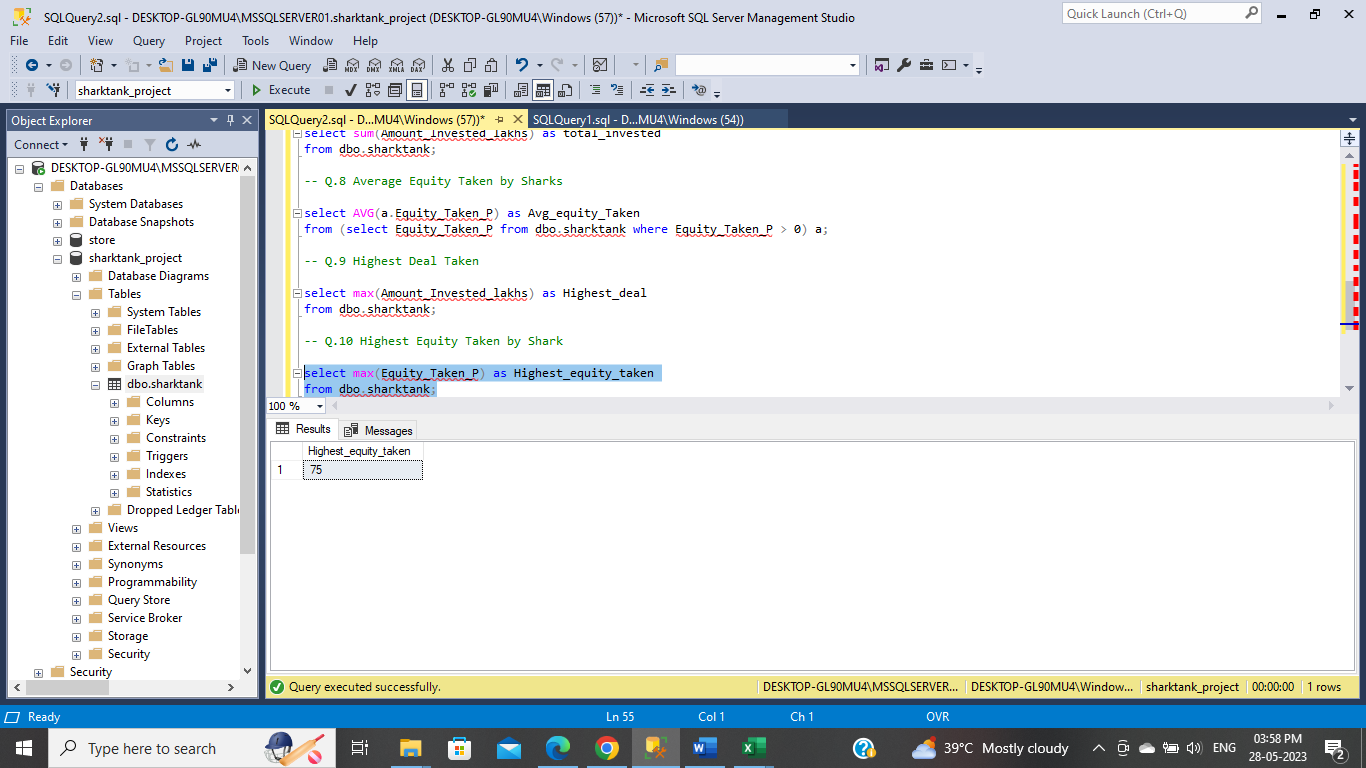
from dbo.sharktank;



Q.10 Highest Equity Taken by Shark

select max(Equity\_Taken\_P) as Highest\_equity\_taken

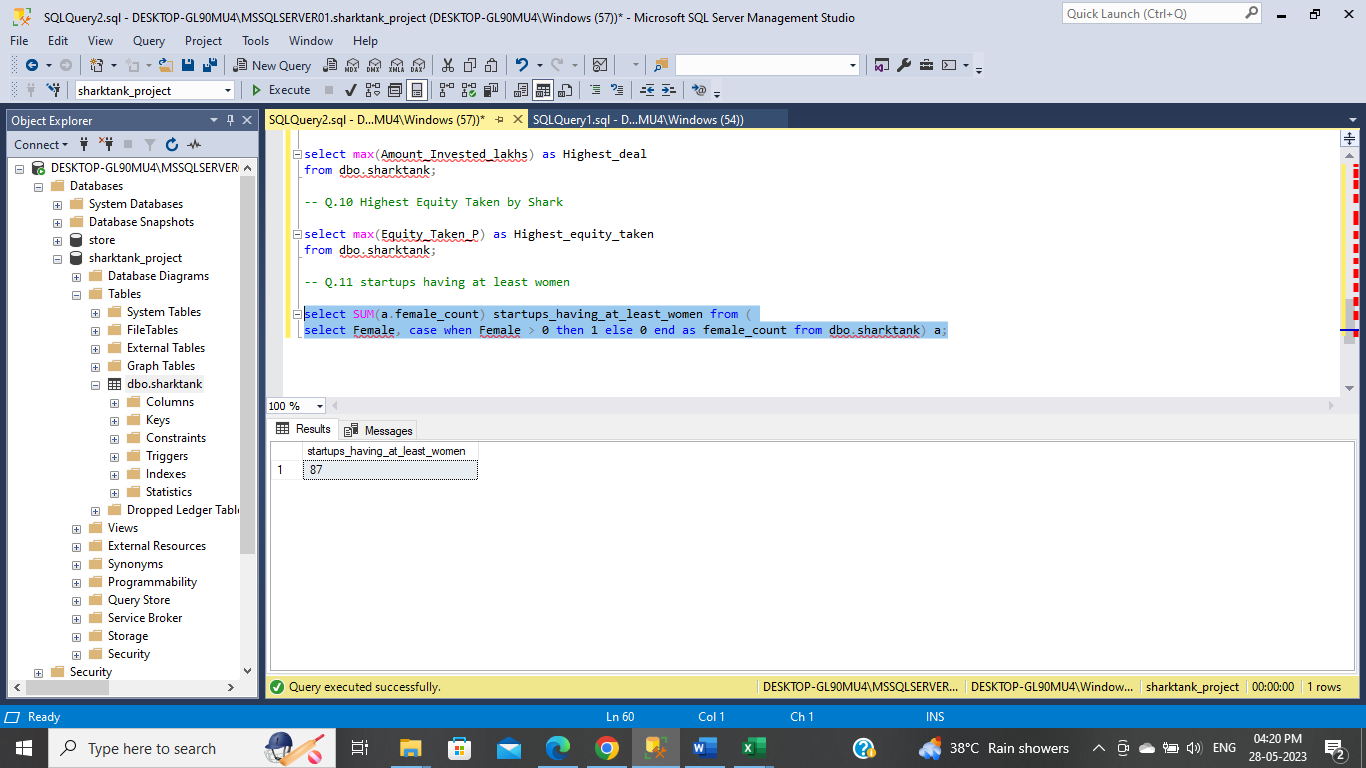
from dbo.sharktank;



Q.11 startups having at least women

select SUM(a.female\_count) startups\_having\_at\_least\_women from (

select Female, case when Female > 0 then 1 else 0 end as female\_count from dbo.sharktank) a;

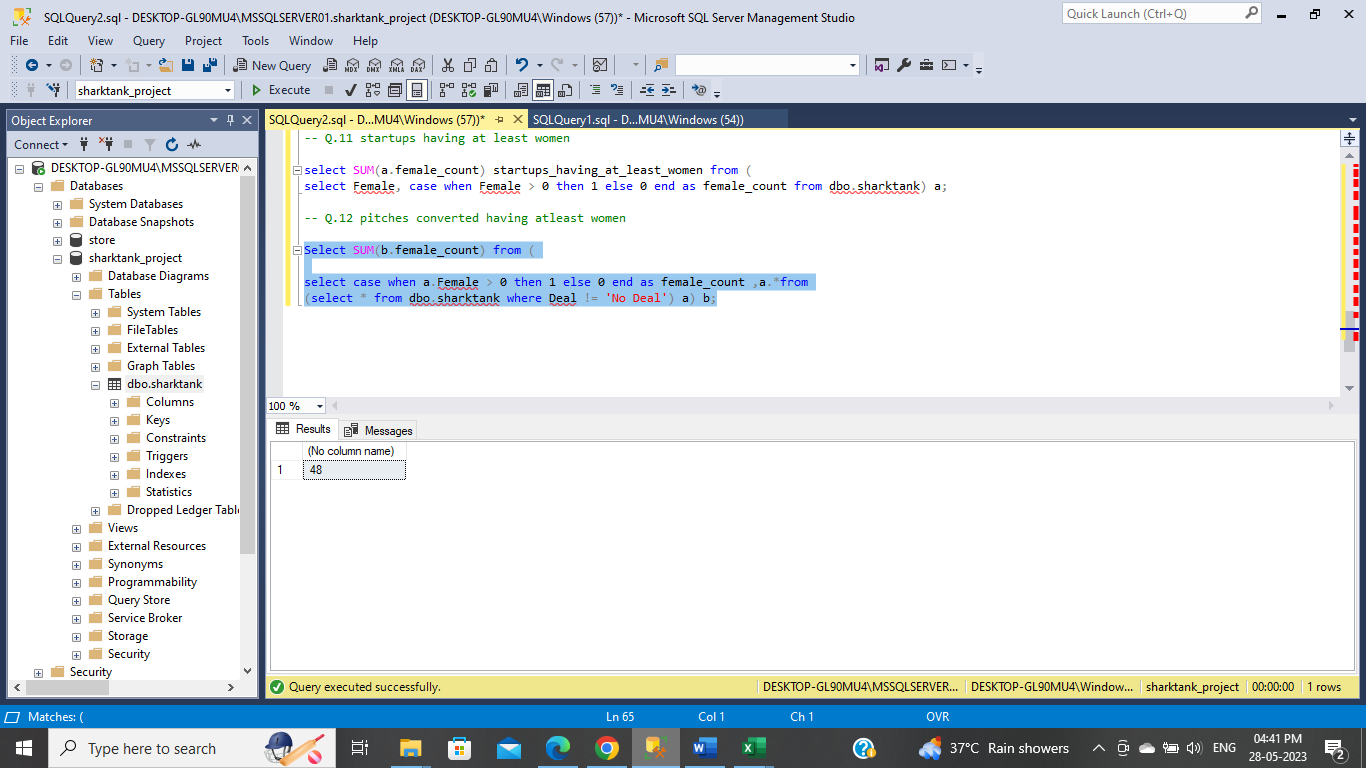


Q.12 pitches converted having atleast women

Select SUM(b.female\_count) from (

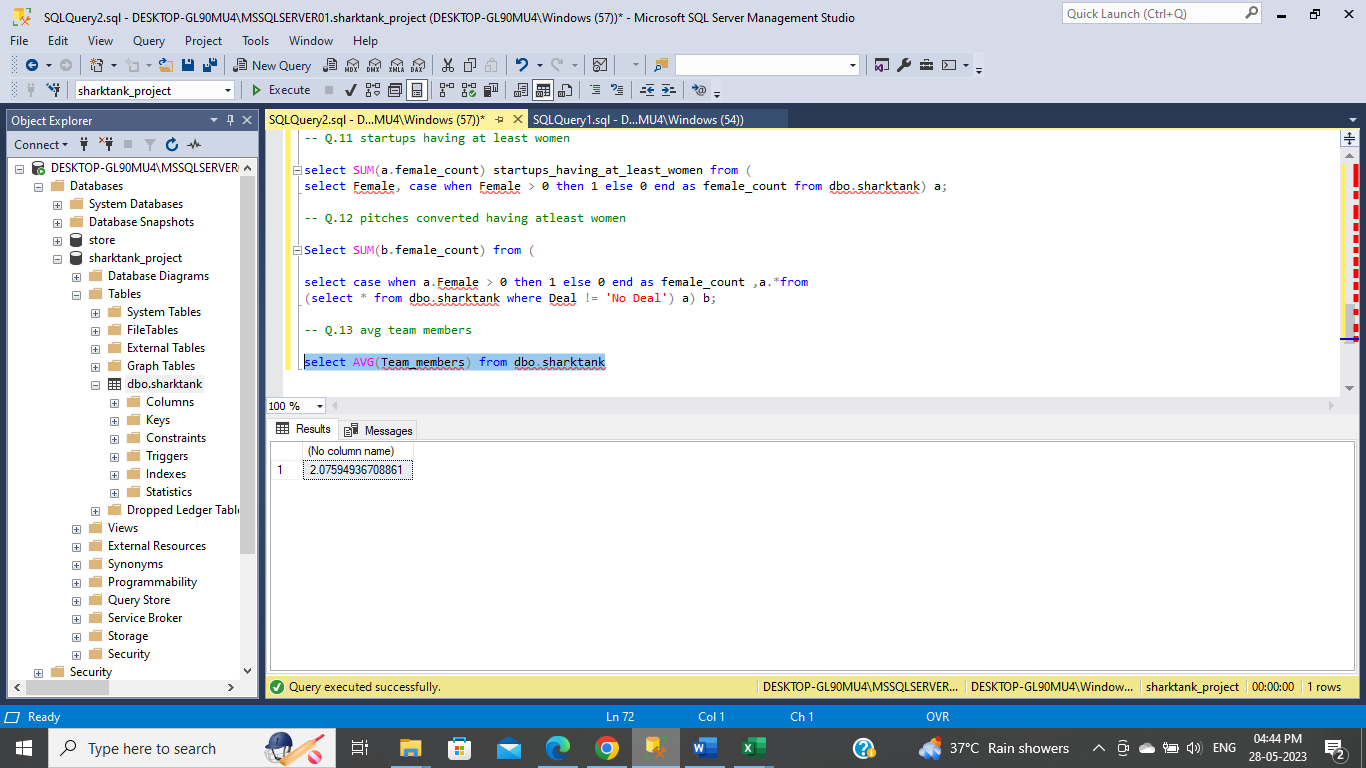
select case when a.Female > 0 then 1 else 0 end as female\_count ,a.\*from

(select \* from dbo.sharktank where Deal != 'No Deal') a) b;



Q.13 avg team members

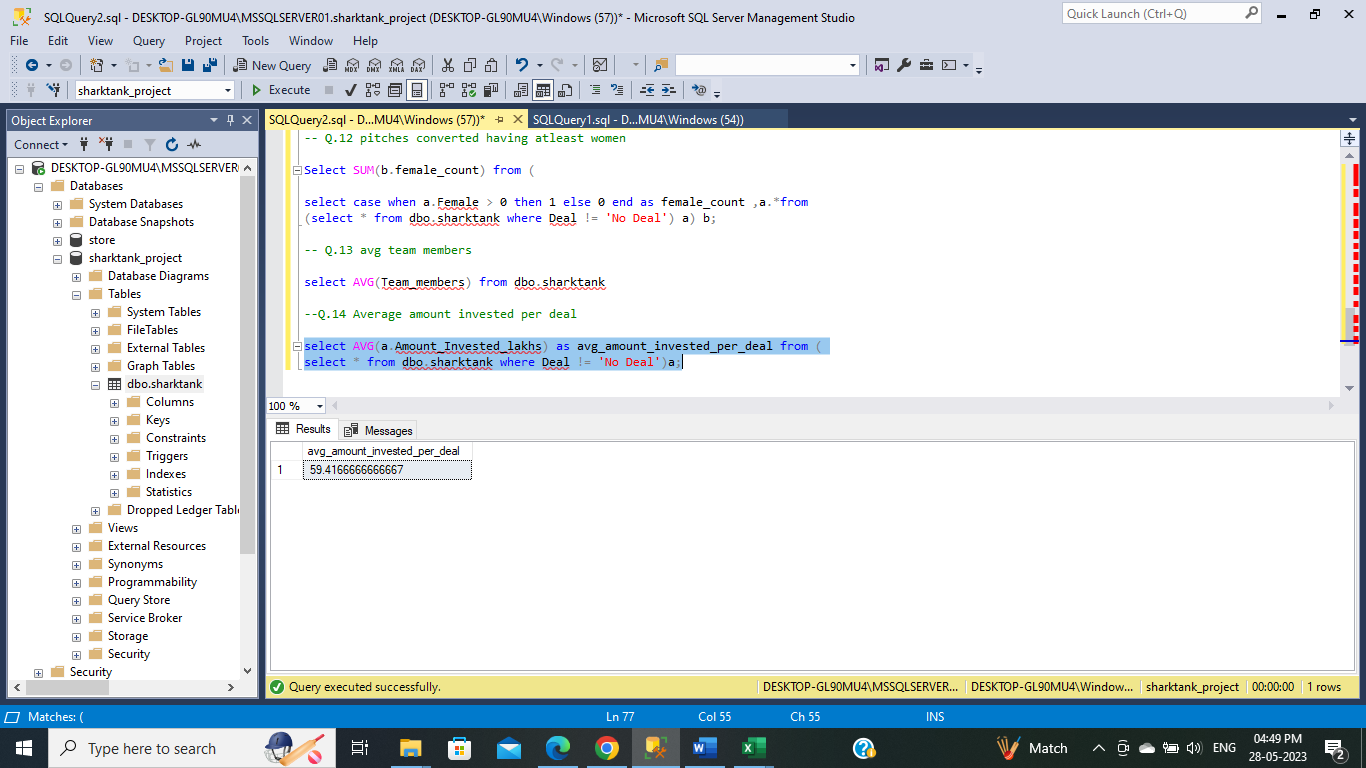
select AVG(Team\_members) from dbo.sharktank



Q.14 Average amount invested per deal

select AVG(a.Amount\_Invested\_lakhs) as avg\_amount\_invested\_per\_deal from (

select \* from dbo.sharktank where Deal != 'No Deal')a;



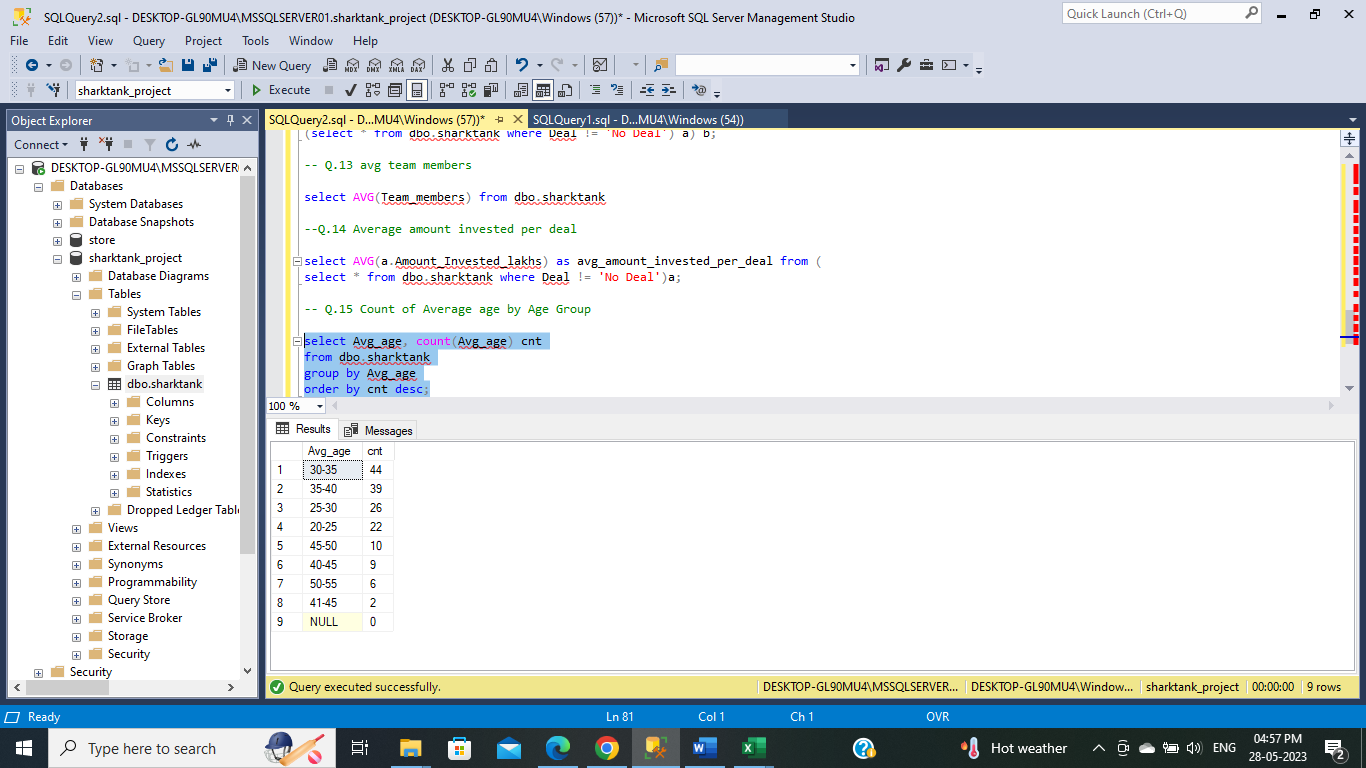
Q.15 Count of avg age group of contestants

select Avg\_age, count(Avg\_age) cnt

from dbo.sharktank

group by Avg\_age

order by cnt desc;



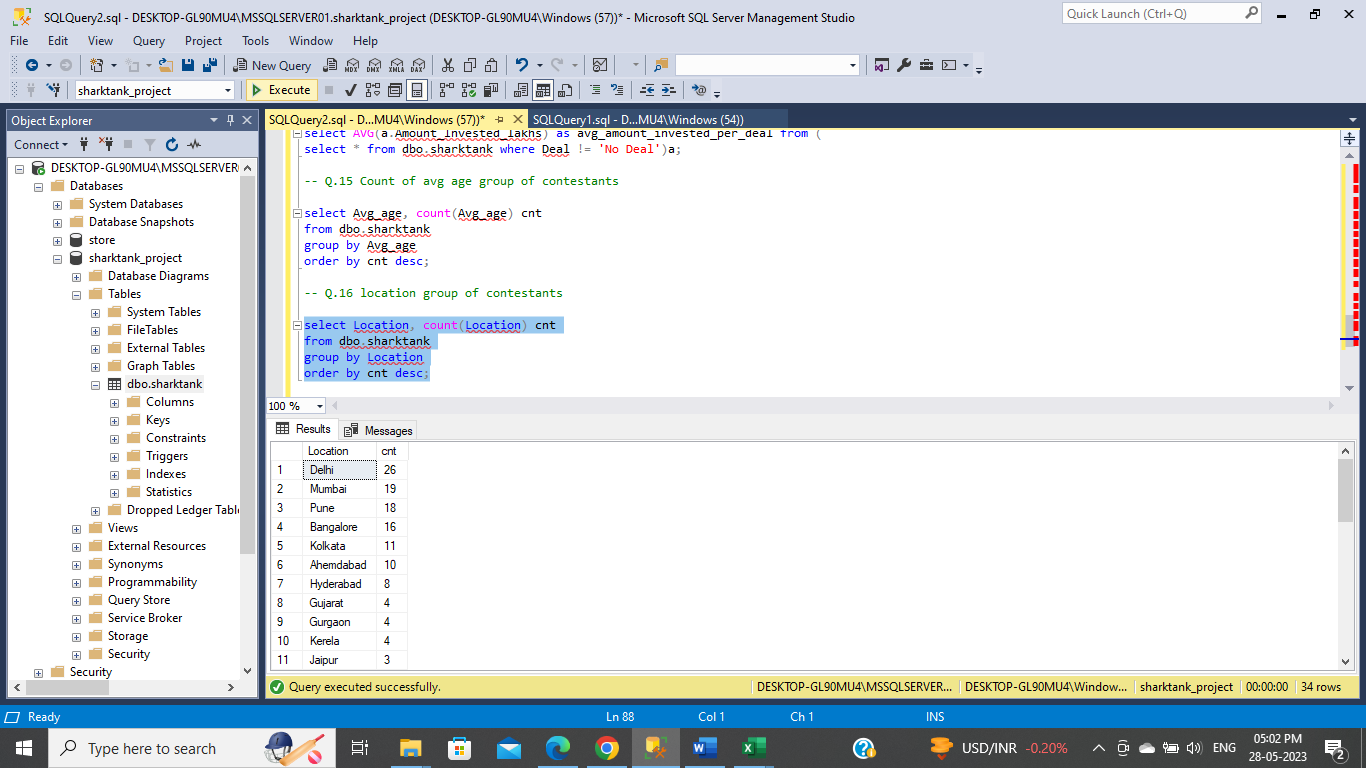
Q.16 location group of contestants

select Location, count(Location) cnt

from dbo.sharktank

group by Location

order by cnt desc;



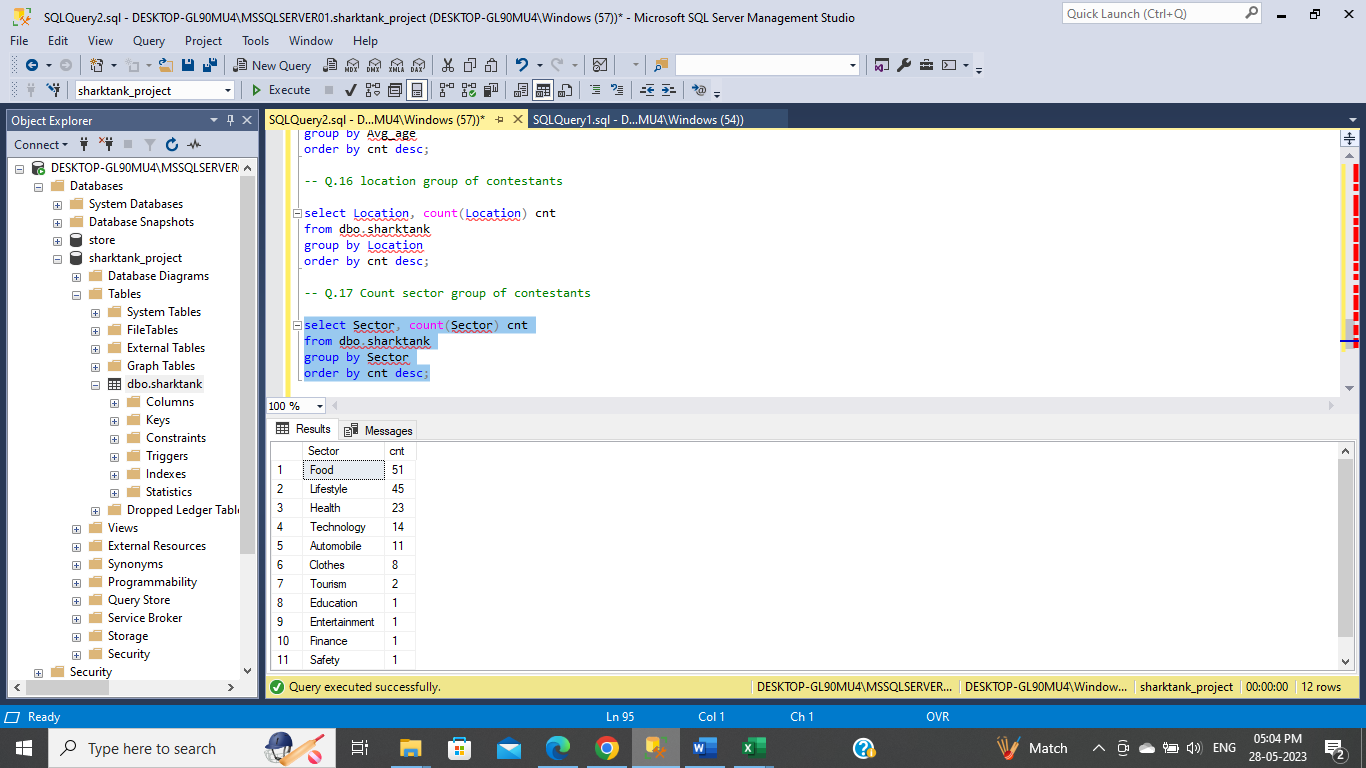
Q.17 Count sector group of contestants

select Sector, count(Sector) cnt

from dbo.sharktank

group by Sector

order by cnt desc;



Q.18 How many deals done by partners

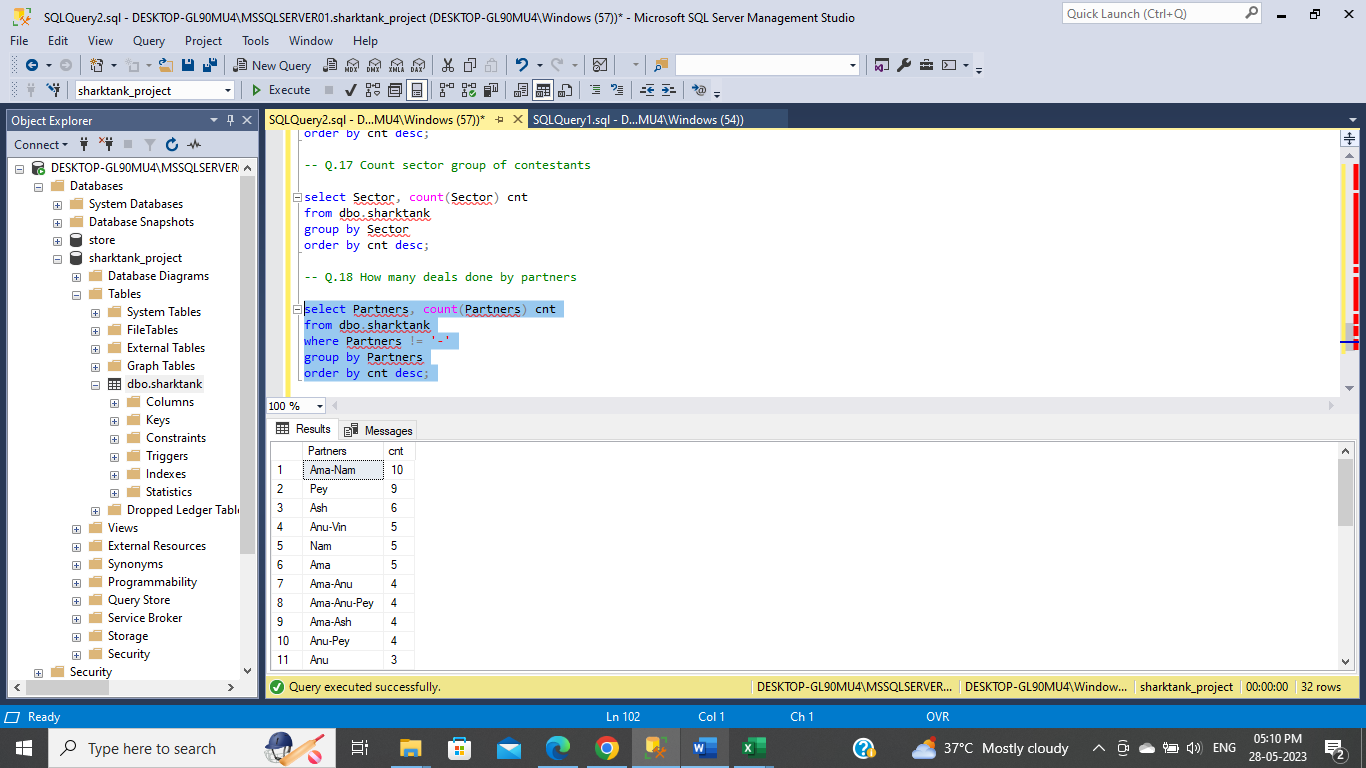
select Partners, count(Partners) cnt

from dbo.sharktank

where Partners != '-'

group by Partners

order by cnt desc;



Q. Show the Ashneer’s total deal present, their total deals, Total Amount Invested and Average Equity he is Taken

Select 'Ashneer' as keyy, count(Ashneer\_Amount\_Invested)

from dbo.sharktank

where Ashneer\_Amount\_Invested is not null

Select 'Ashneer' as keyy, count(Ashneer\_Amount\_Invested)

from dbo.sharktank

where Ashneer\_Amount\_Invested > 0 AND Ashneer\_Amount\_Invested is not null

select 'Ashneer' as keyy, sum(c.Ashneer\_Amount\_Invested) as Amount\_Invested, AVG(c.Ashneer\_Equity\_Taken\_P) as Avg\_Equity\_Taken

from (select \* from dbo.sharktank where Ashneer\_Equity\_Taken\_P > 0 AND Ashneer\_Equity\_Taken\_P is not null) c;

select m.keyy, m.Total\_Deal\_Present, m.Total\_Deals, n.Total\_Amount\_Invested, n.Avg\_Equity\_Taken from

(select a.keyy, a.Total\_Deal\_Present, b.Total\_Deals from (

Select 'Ashneer' as keyy, count(Ashneer\_Amount\_Invested) as Total\_Deal\_Present

from dbo.sharktank

where Ashneer\_Amount\_Invested is not null) a

inner join (

Select 'Ashneer' as keyy, count(Ashneer\_Amount\_Invested) as Total\_Deals

from dbo.sharktank

where Ashneer\_Amount\_Invested > 0 AND Ashneer\_Amount\_Invested is not null) b

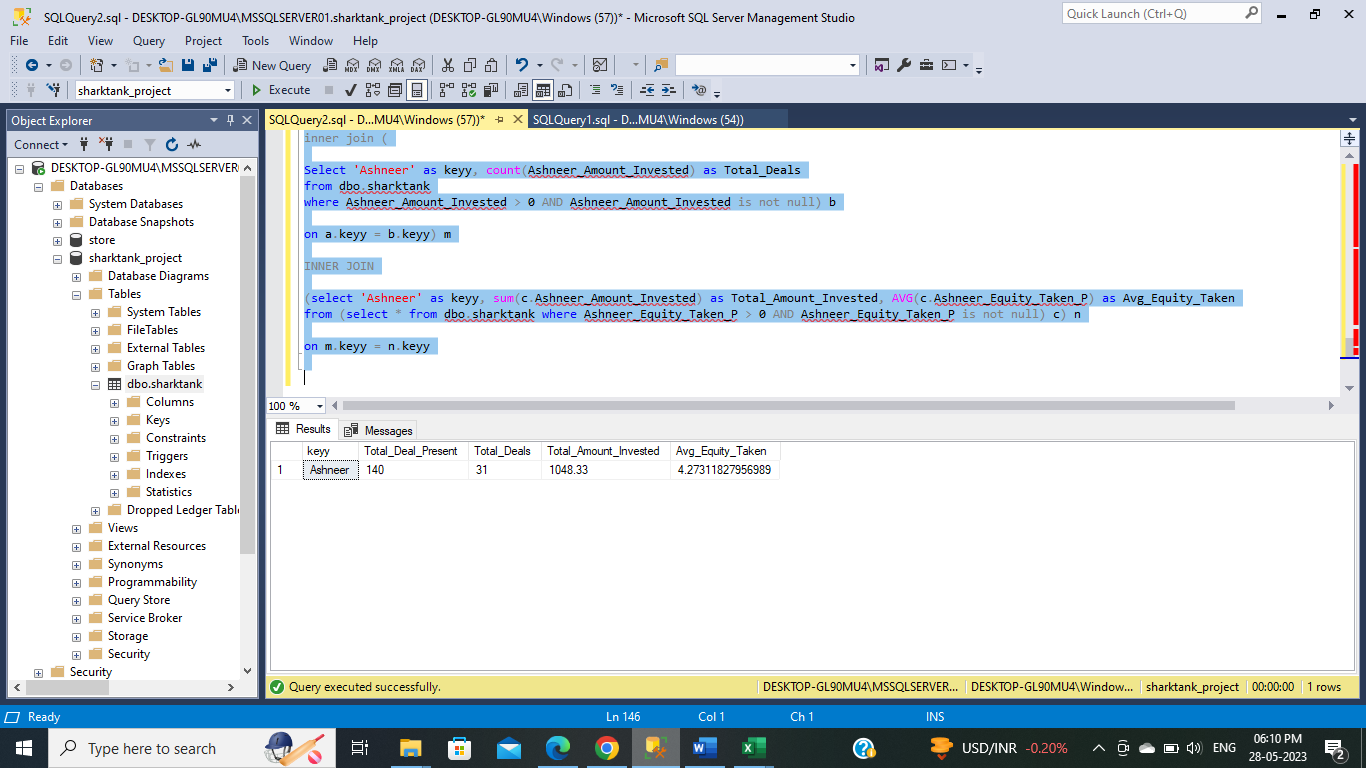
on a.keyy = b.keyy) m

INNER JOIN

(select 'Ashneer' as keyy, sum(c.Ashneer\_Amount\_Invested) as Total\_Amount\_Invested, AVG(c.Ashneer\_Equity\_Taken\_P) as Avg\_Equity\_Taken

from (select \* from dbo.sharktank where Ashneer\_Equity\_Taken\_P > 0 AND Ashneer\_Equity\_Taken\_P is not null) c) n

on m.keyy = n.keyy



Q.20 which is the startup in which the highest amount has been invested in each domain/sector

select c.\* from

(select Brand, Sector, Amount\_Invested\_lakhs, Rank() Over(partition by sector order by Amount\_Invested\_lakhs) as rnk

from dbo.sharktank where Amount\_Invested\_lakhs !=0) c

where c.rnk = 1

