Q1 –

select cast(job\_title as char(40)) as "Job Title", count(\*) as "Employees" from employees group by job\_title order by 2

Q2 –

select max(credit\_limit) as "High", min(credit\_limit) as "Low", cast(round(avg(credit\_limit), 2) as decimal(10,2)) as "Average", max(credit\_limit)-min(credit\_limit) as "High Low Difference" from customers

Q3 –

select order\_id, count(\*) as "Total Items", sum(unit\_price\*quantity) as "Total Amount" from order\_items group by order\_id having sum(unit\_price\*quantity) > 1000000 order by 3 desc

Q4 –

select w.warehouse\_id, cast(w.warehouse\_name as char(25)) as "Warehouse Name", sum(i.quantity) as "Total Products" from warehouses w, inventories i where w.warehouse\_id = i.warehouse\_id group by w.warehouse\_id, warehouse\_name

Q5 –

select c.customer\_id as "Customer Number", cast(c.name as char(30)) as "Customer Name", count(o.order\_id) "Total Number of Orders" from customers c left outer join orders o on c.customer\_id = o.customer\_id where (c.name like 'O%e' or c.name like '%t') group by c.customer\_id, c.name order by 3 desc

Q6 –

select category\_id, cast(sum(quantity \* unit\_price) as decimal(15,2)) as "Total Amount", cast(round(avg(quantity \* unit\_price),2) as decimal(10,2)) as "Average Amount" from order\_items o left join products p on p.product\_id = o.product\_id group by category\_id order by category\_id