1.SELECT table\_name,column\_name,data\_type FROM information\_schema.columns WHERE table\_name IN ('campus','foodItems','members','orderLine','orders','position','prices') ORDER BY table\_name ASC;

2.Select orders."OrderID",orders."OrderDate",members."LastName",members."FirstName",campus."CampusName","foodItems"."FoodItemName",prices."MealType",prices."MealPrice","orderLine"."Quantity",prices."MealPrice"\*"orderLine"."Quantity" as totalprice FROM "campus"  inner join members on campus."CampusID" = members."CampusID" inner join orders on orders."MemberID" = members."MemberID" inner join "orderLine" on "orderLine"."OrderID" = orders."OrderID" inner join "foodItems" on "orderLine"."FoodItemsID" = "foodItems"."FoodItemID" inner join prices on "foodItems"."FoodItemTypeID"=prices."FoodItemTypeID" order by orders."OrderID";

3.Select members."MemberID",orders."OrderID","foodItems"."FoodItemID","foodItems"."FoodItemName",members."ContractDuration"  FROM "members"  inner join orders on orders."MemberID" = members."MemberID" inner join "orderLine" on "orderLine"."OrderID" = orders."OrderID" inner join "foodItems" on "orderLine"."FoodItemsID" = "foodItems"."FoodItemID" inner join prices on "foodItems"."FoodItemTypeID"=prices."FoodItemTypeID" where members."ContractDuration" > (select "ContractDuration" from members where members."FirstName" = 'House' ) order by orders."OrderID" ;

4. Select f."FoodItemName",p."MealType",p."MealPrice" From "foodItems" f inner join prices p on f."FoodItemTypeID" = p."FoodItemTypeID" where p."MealType"<>'Beer/Wine' order by p."MealPrice";

5.SELECT m."LastName",m."FirstName",p."Position",c."CampusName",(p."YearlyMembershipFee"\*(1-c."CampusDiscount")/12) as monthlydue FROM campus c inner join members m on m."CampusID" = c."CampusID" inner join position p on m."PositionID" = p."PositionID" order by c."CampusName" DESC,m."FirstName" ASC;

6.select m."MemberID",m."ContractDuration", rank() over(partition by m."ContractDuration" order by m."MemberID") from members m order by m."MemberID";