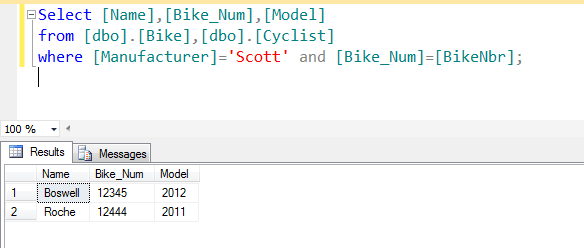
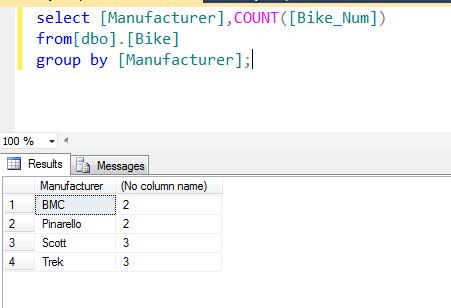
**Queries:**

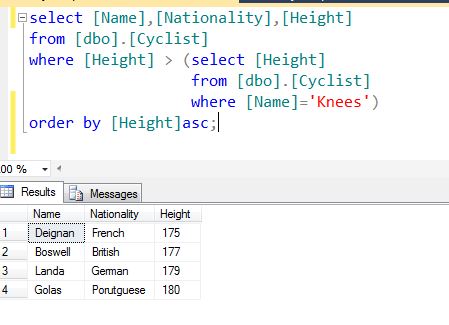
1. List the names of cyclists and their bikes’ numbers and models which manufacturer is “Scott”:



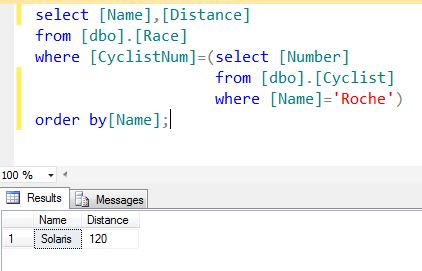
1. Count the number of bikes from each manufacturer:



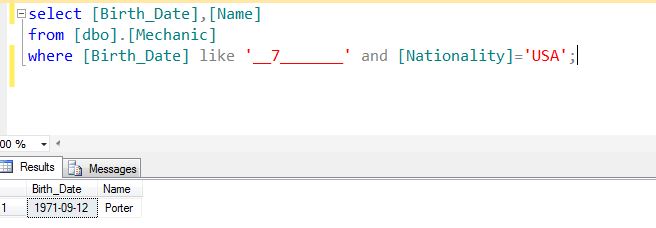
1. List the name , nationality and height of cyclists taller than “Knees” in ascending order:



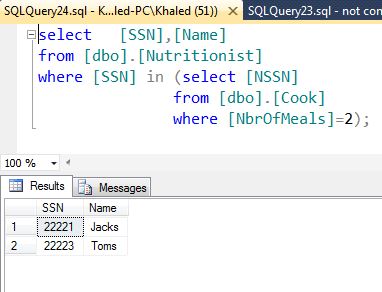
1. What is the name and distance of the race that “Roche” will participate in:



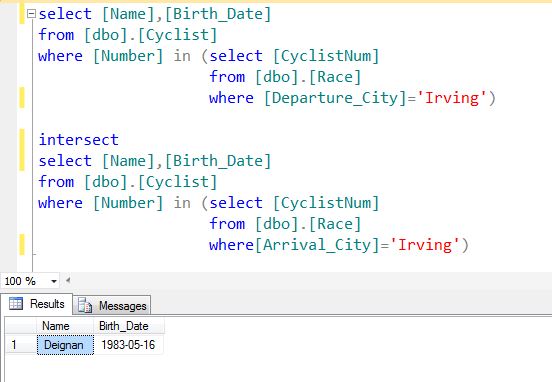
1. Give the birth dates and names of all mechanics born in the 70s and having an ‘USA’ nationality:



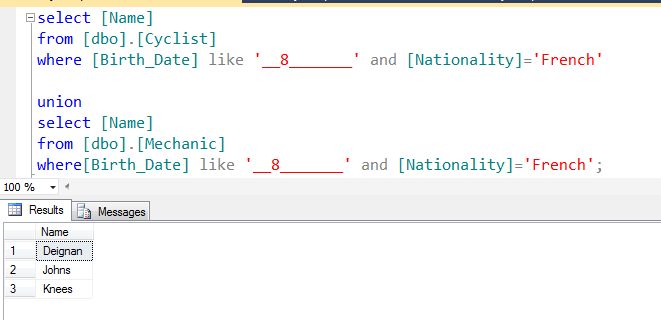
1. List the name and SSN of the nutritionists who prepare 2 meals only:



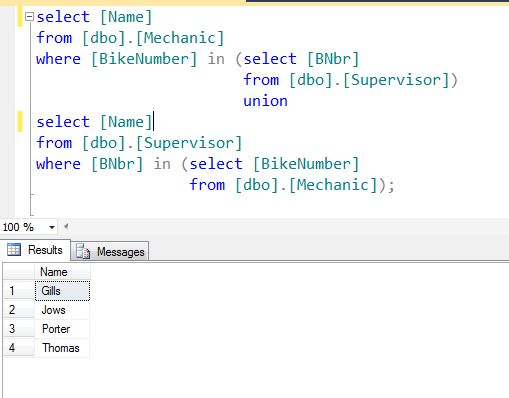
1. List the names and birthdates of cyclists which participate in races started in “Irving “ and ended “Irving”



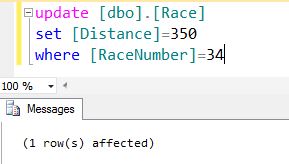
1. Give the name of French cyclists and mechanics born in the 80s

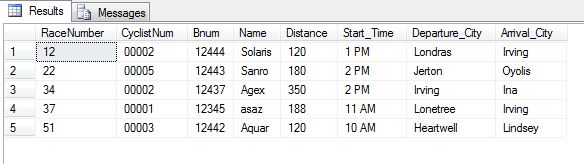


9-List the name of mechanics and supervisors that are responsible for the same bike:

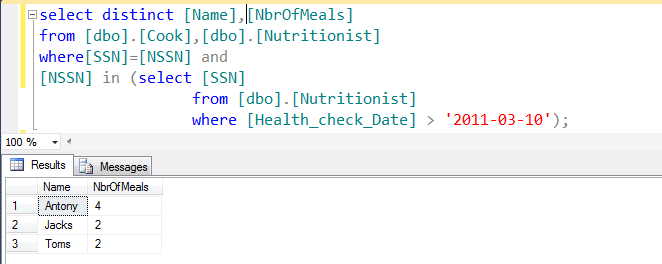


1. Update the distance of race 34 to 350:





11-How many meals do nutritionists who had last health check done after 2011-03-10 prepare:



**Normalization:**

UNF :

Cyclist [CyclistNumber, name,(Bike\_num,model), (Mechanic\_ssn, mechanic\_name), (supervisor\_id, supervisor\_name),(coach\_ID, coach\_name)]

1NF:

Cyclist [CyclistNumber, name]

Team [CyclistNumber, Bike\_num, Mechanic\_ssn, supervisor\_id, coach\_ID,model,mechanic\_name, supervisor\_name, coach\_name]

2NF=3NF :

Cyclist [CyclistNumber, name]

Team [CyclistNumber, Bike\_num, Mechanic\_ssn, supervisor\_id, coach\_ID]

Bike [Bike\_num,model]

Mechanic [Mechanic\_ssn, mechanic\_name]

Supervisor [supervisor\_id, supervisor\_name]

Coach [coach\_ID, coach\_name]