# **Q1:**

CREATE TABLE TRAINEE

(

TraineeID int not null IDENTITY ,

Full\_Name varchar(50) not null ,

Birth\_Date date not null ,

Gender bit not null ,

ET\_IQ int not null ,

ET\_Gmath int not null ,

ET\_English int not null ,

Training\_Class char(10) not null ,

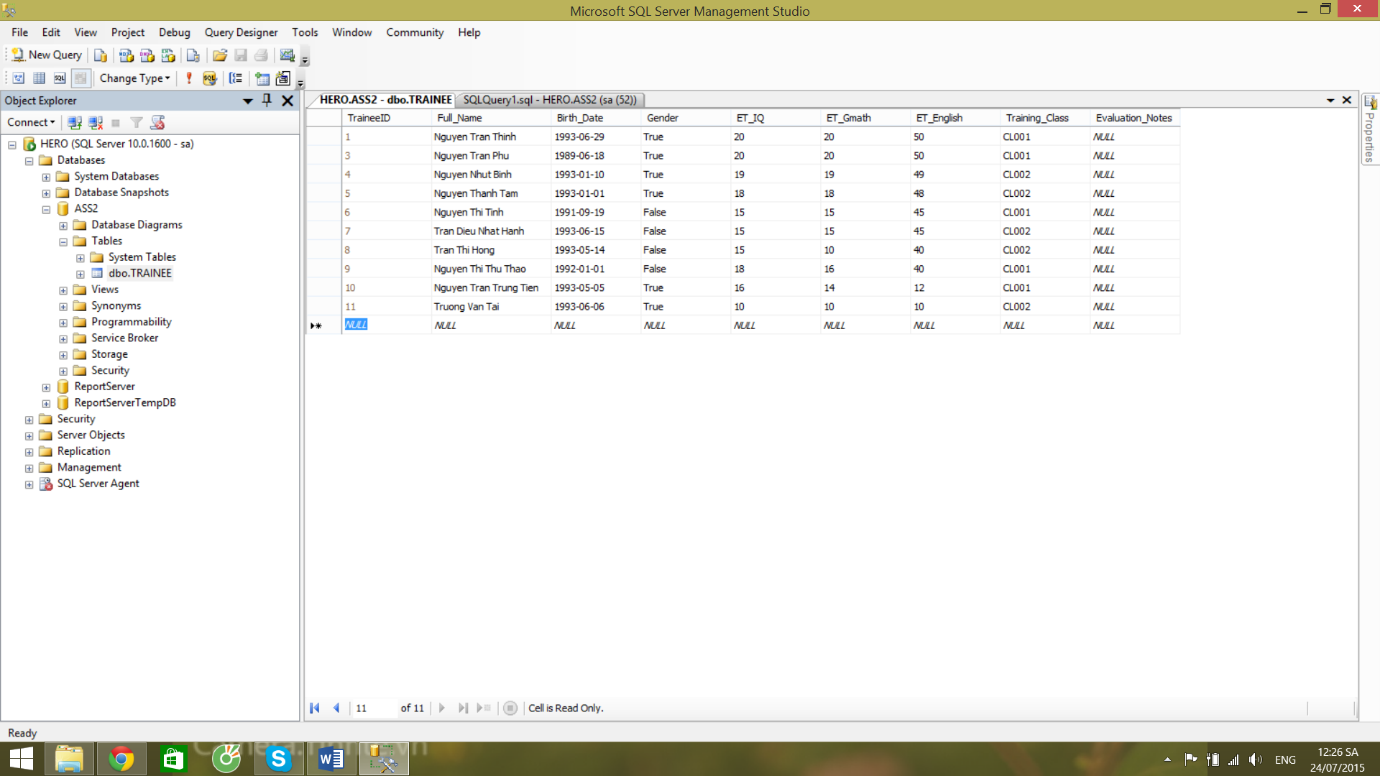
Evaluation\_Notes nvarchar(max) ,

PRIMARY KEY(TraineeID) ,

CONSTRAINT ET\_IQ\_Check CHECK (ET\_IQ BETWEEN 0 AND 20) ,

CONSTRAINT ET\_Gmath\_Check CHECK (ET\_Gmath BETWEEN 0 and 20) ,

CONSTRAINT ET\_English\_Check CHECK (ET\_English BETWEEN 0 and 50)

****)

# Q2:

ALTER TABLE TRAINEE ADD Fsoft\_Account varchar(50) not null unique

# Q3:

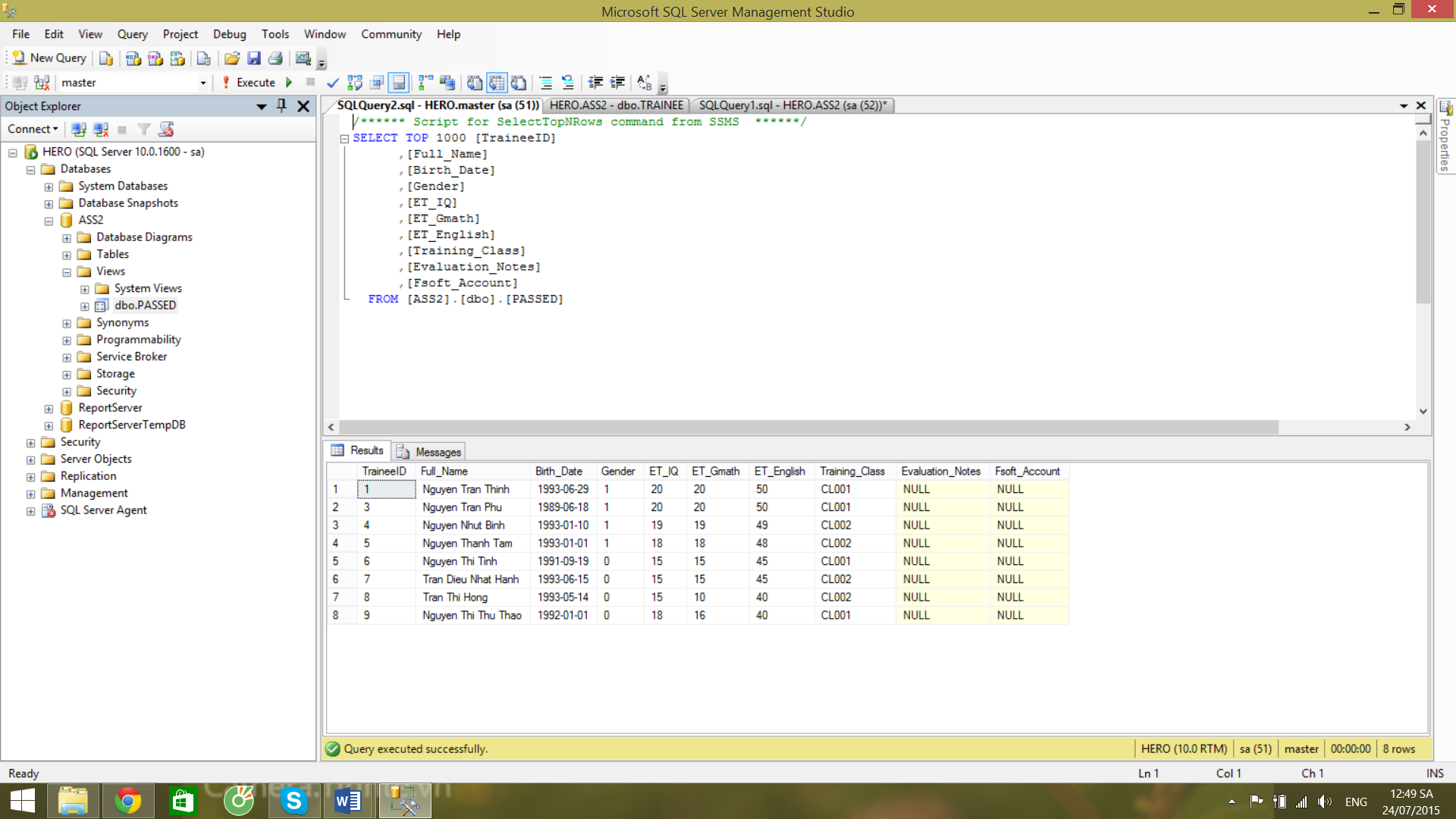
CREATE VIEW PASSED

AS

SELECT \*

FROM TRAINEE

WHERE ((ET\_IQ + ET\_Gmath) >= 20) and (ET\_IQ >= 8) and (ET\_Gmath >= 8) and (ET\_English >= 18)

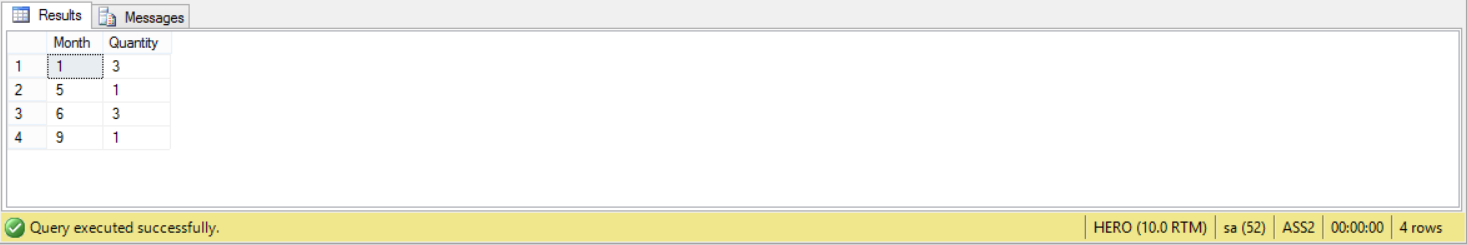


# Q4:

SELECT MONTH(Birth\_Date) as Month , COUNT(TraineeID) as Quantity

FROM TRAINEE

WHERE ((ET\_IQ + ET\_Gmath) >= 20) and (ET\_IQ >= 8) and (ET\_Gmath >= 8) and (ET\_English >= 18)

GROUP BY MONTH(Birth\_Date)

# Q5:

SELECT top 1 \* , (YEAR(GETDATE()) - YEAR(Birth\_Date)) as Age

FROM TRAINEE

ORDER BY LEN(Full\_Name) desc

