知库_OWLS BLOOD CONNECT APP

Blood Donation & Donor Management

5.3.2025

Prepared by

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3-Abdelrhaman Wael	692400172	A5
4-Mohamed Essam	692300163	A5
5-Hashem Emad	692300230	A5



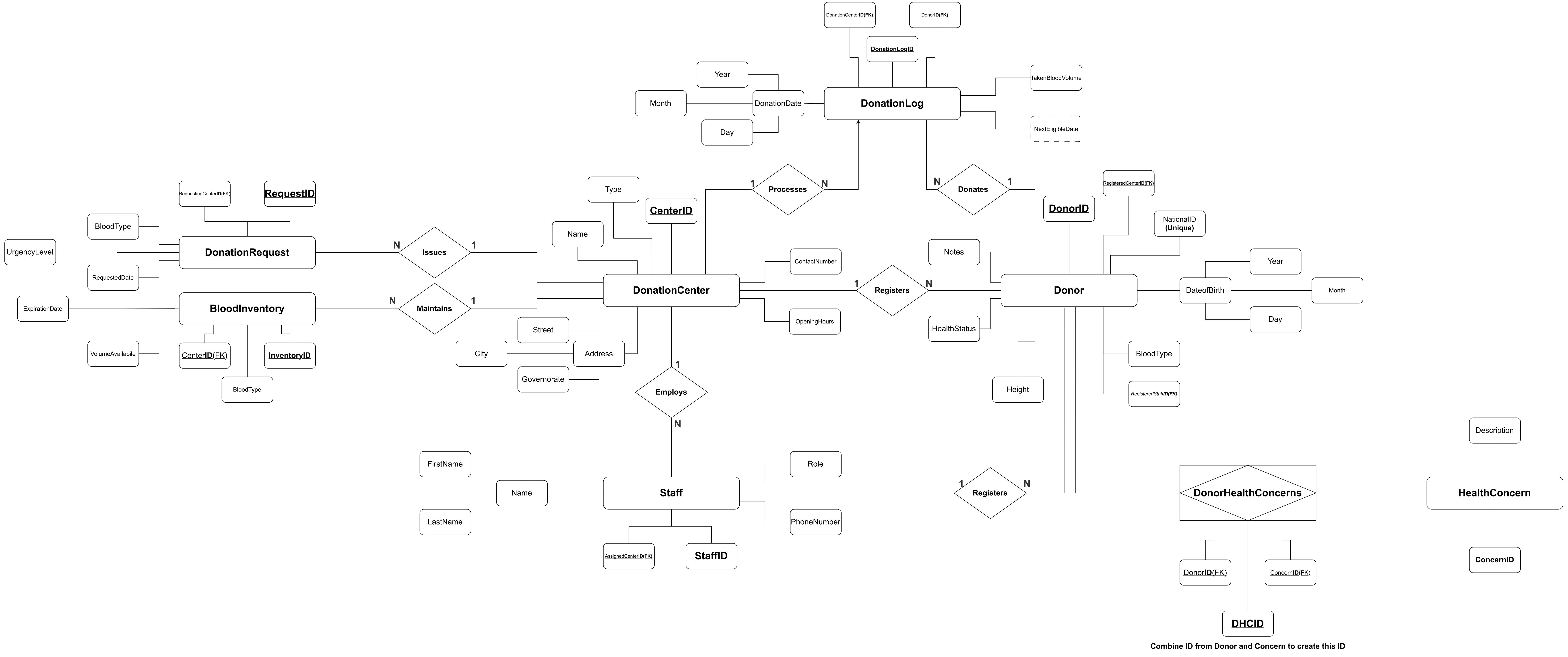
Grades Section

Name	ID	Grade
Mohamed Abdullah	622400029	
Mohannad Ezzeldin	692300185	
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Mohamed Essam	692300163	
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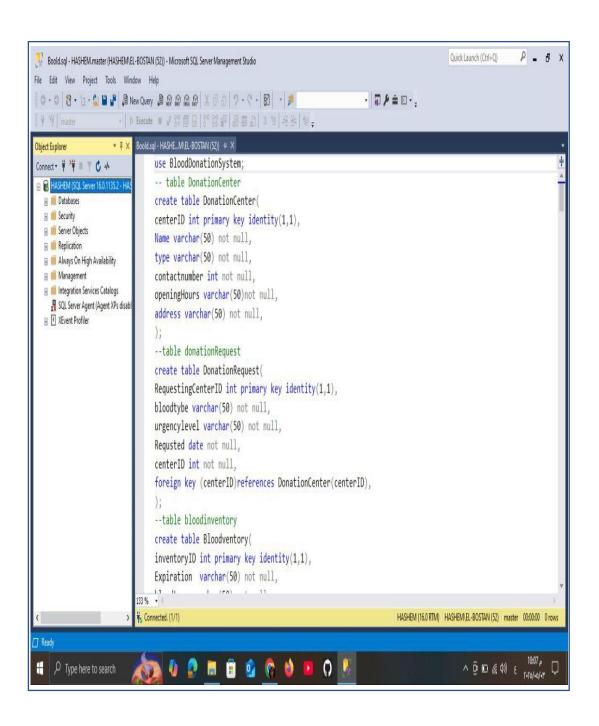


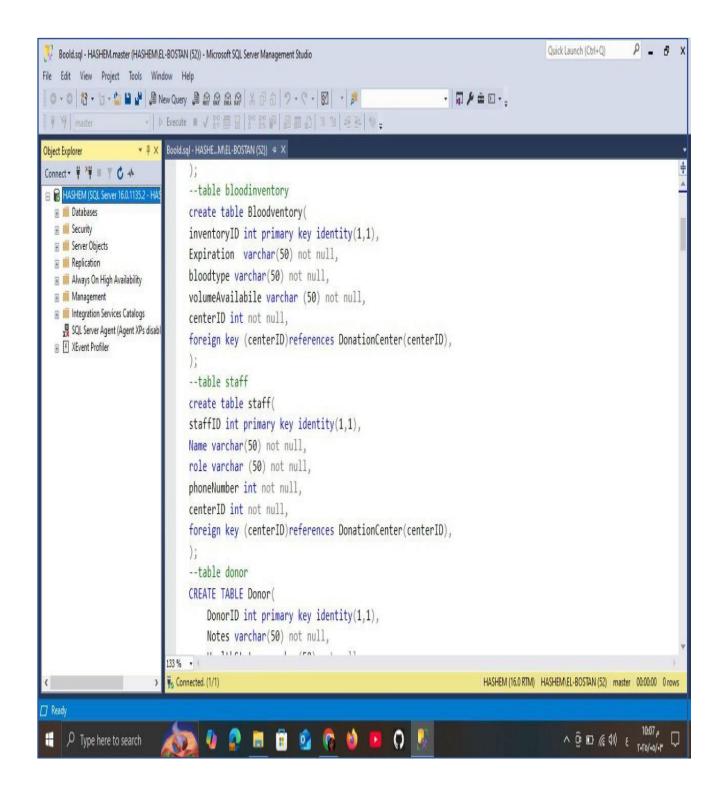
- ERD DIMGRAM
- ALL SQL SCRIPTS
- SCREENSHOTS OF RESULTS
- ANSWERS TO THE SQL QUESTIONS

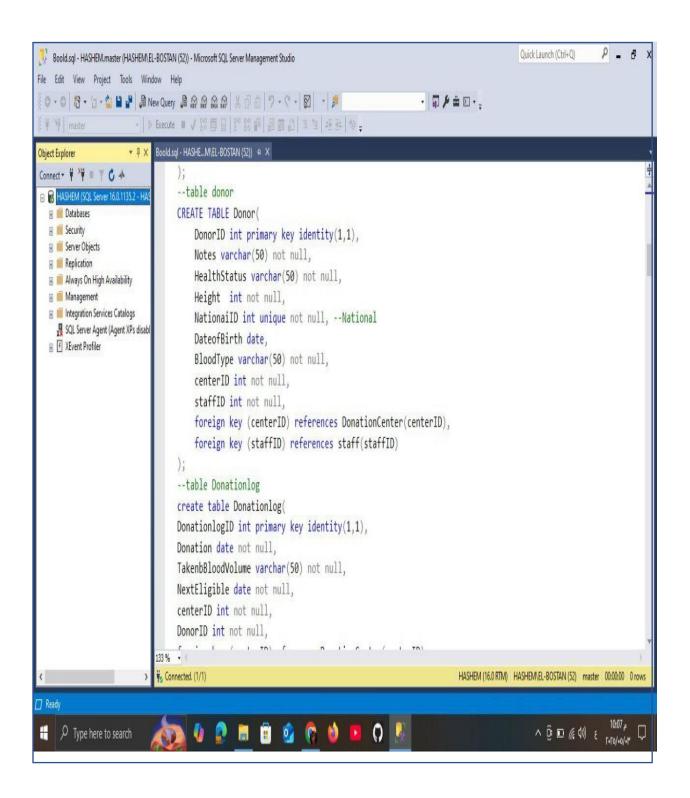


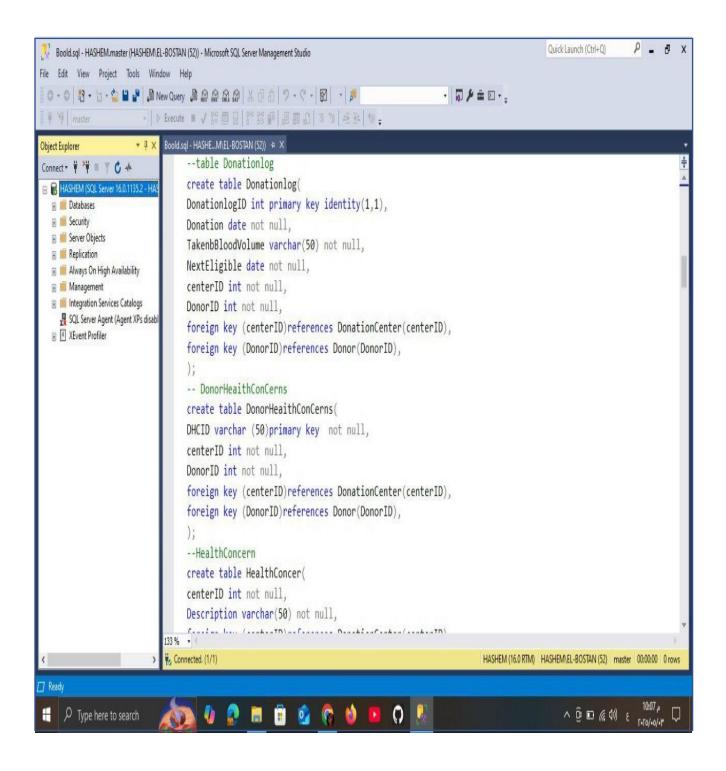
```
SQLQuery9.sql - A...VILION\mohan (57))*
                                             SQLQuery8.sql - A...VILION\mohan (73))*
                                                                                           SQLQuery3.sql - A...VILION\mohan (72))*
   ∃use BloodDonationSystem;
    -- table DonationCenter
   Ficreate table DonationCenter(
    centerID int primary key identity(1,1),
    Name varchar(50) not null,
    type varchar(50) not null,
    contactnumber int not null,
    openingHours varchar(50)not null,
    address varchar(50) not null,
    --table donationRequest
   increate table DonationRequest(
    RequestingCenterID int primary key identity(1,1),
    bloodtybe varchar(50) not null,
    urgencylevel varchar(50) not null,
    Requsted date not null,
    centerID int not null,
    foreign key (centerID) references DonationCenter(centerID),
    --table bloodinventory
   create table Bloodventory(
    inventoryID int primary key identity(1,1),
    Expiration varchar(50) not null,
    bloodtype varchar(50) not null,
    volumeAvailabile varchar (50) not null,
    centerID int not null.
    foreign key (centerID) references DonationCenter(centerID),
    --table staff
   create table staff(
    staffID int primary key identity(1,1),
    Name varchar(50) not null,
    role varchar (50) not null,
    phoneNumber int not null,
    centerID int not null,
    foreign key (centerID)references DonationCenter(centerID),
```

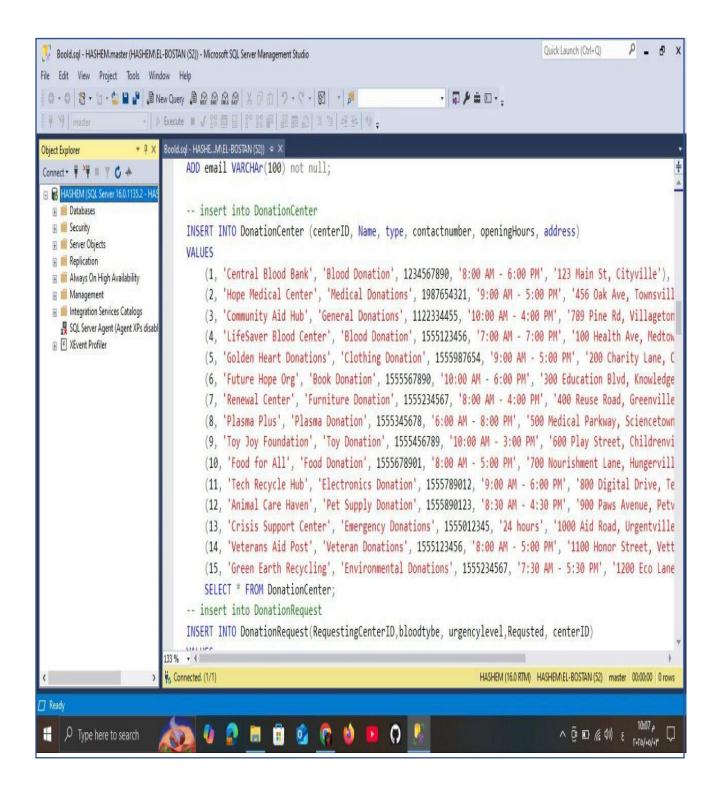
```
SQLQuery9.sql - A...VILION\mohan (57))*
                                            SQLQuery8.sql - A...VILION\mohan (73))*
                                                                                          SQLQuery3.sql - A...VILION\mohan (72))*
    --table donor
   CREATE TABLE Donor
       DonorID int primary key identity(1,1),
       Notes varchar(50) not null,
       HealthStatus varchar(50) not null,
       Height int not null,
       NationaiID int unique not null, --National
       DateofBirth date,
       BloodType varchar(50) not null,
       centerID int not null,
        staffID int not null,
        foreign key (centerID) references DonationCenter(centerID),
        foreign key (staffID) references staff(staffID)
    -- table Donationlog
   create table Donationlog(
    DonationlogID int primary key identity(1,1),
    Donation date not null,
    TakenbBloodVolume varchar(50) not null,
    NextEligible date not null,
    centerID int not null,
    DonorID int not null,
    foreign key (centerID)references DonationCenter(centerID),
    foreign key (DonorID) references Donor(DonorID),
    -- DonorHeaithConCerns
   create table DonorHeaithConCerns(
    DHCID varchar (50)primary key not null,
    centerID int not null,
    DonorID int not null,
    foreign key (centerID)references DonationCenter(centerID),
    foreign key (DonorID) references Donor(DonorID),
    --HealthConcern
   create table HealthConcer(
    centerID int not null,
    Description varchar(50) not null,
    foreign key (centerID)references DonationCenter(centerID).
    --add new column
  ALTER TABLE staff
   ADD email VARCHAr(100) not null;
```

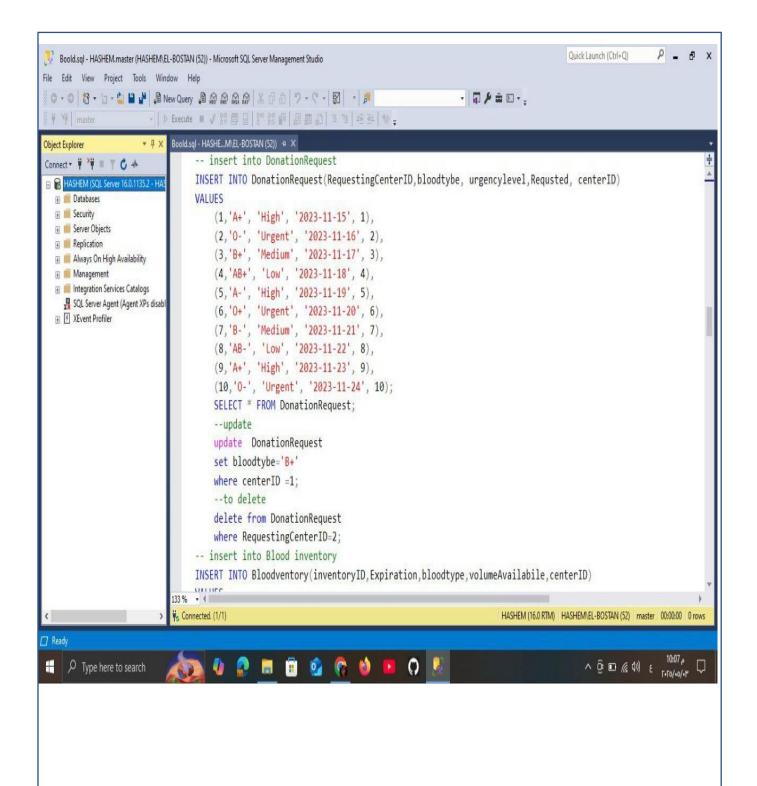


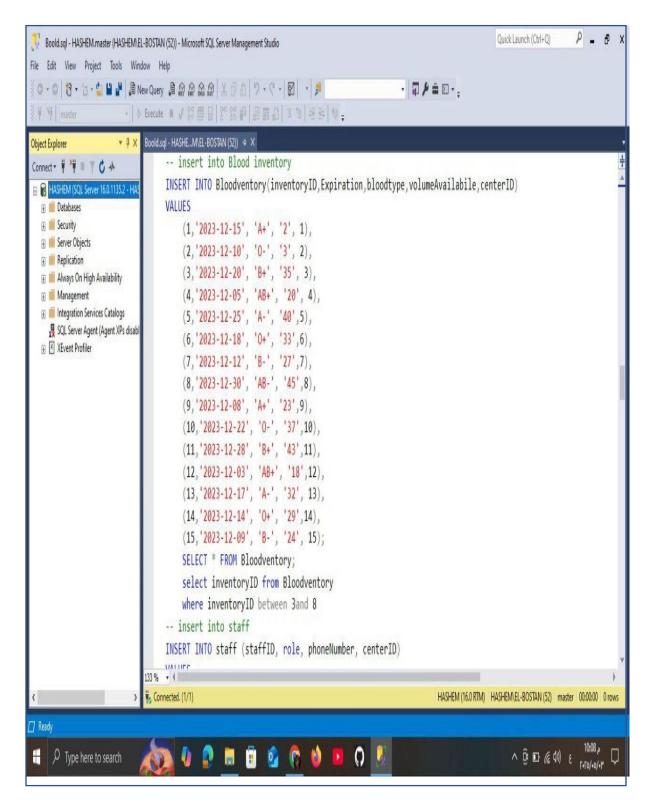


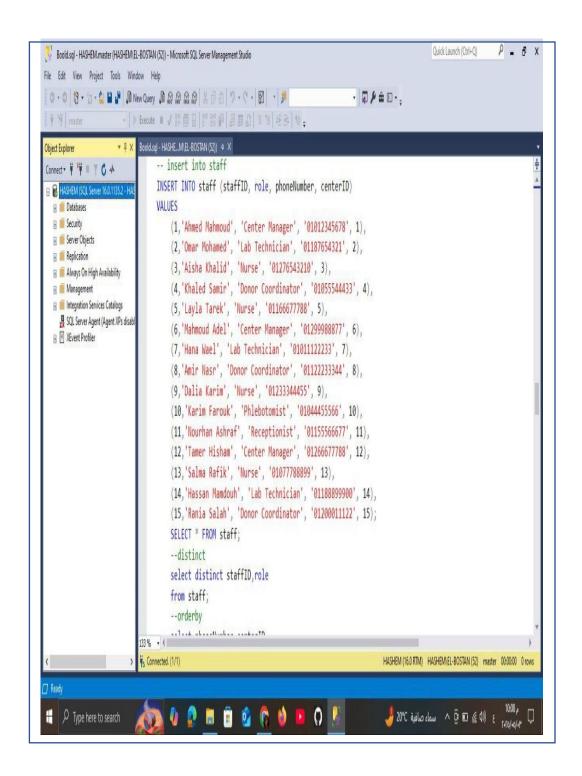


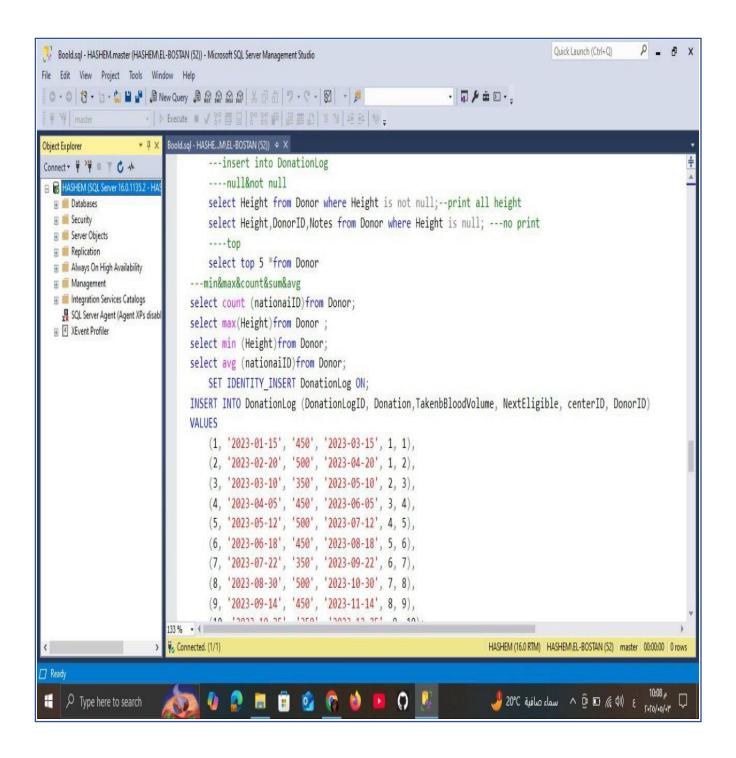


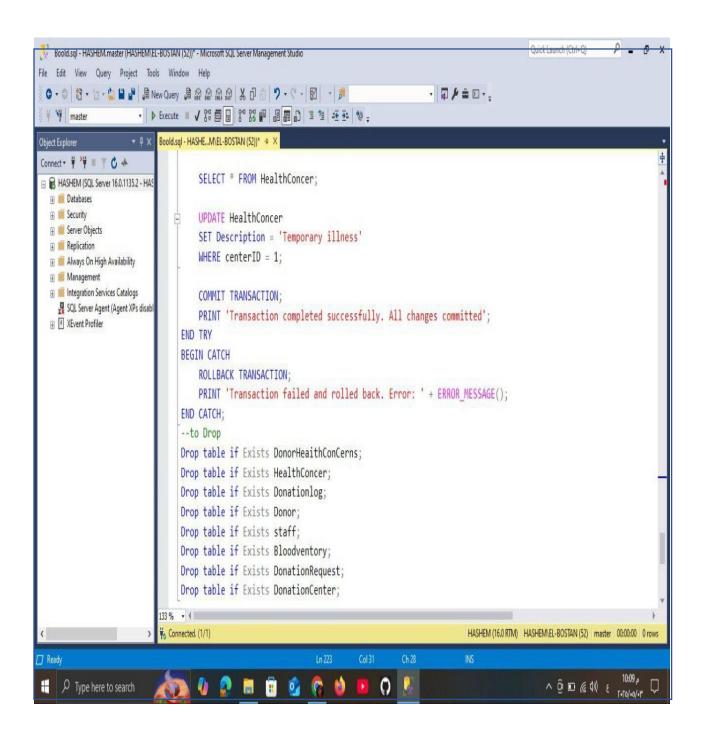


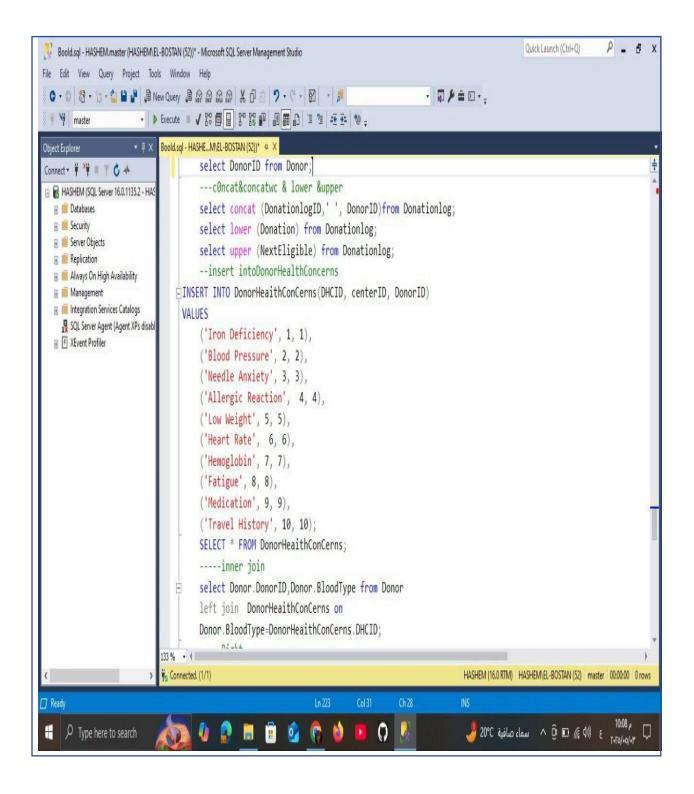


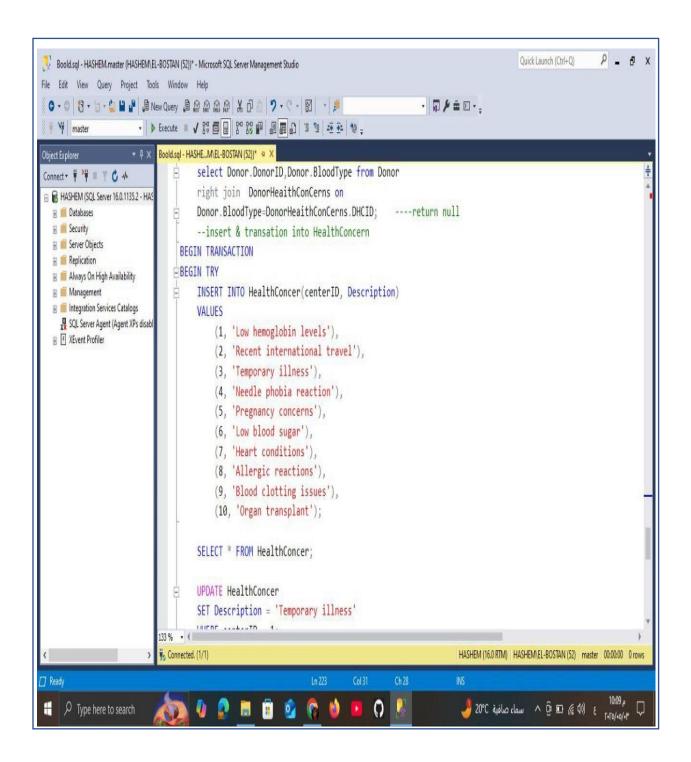


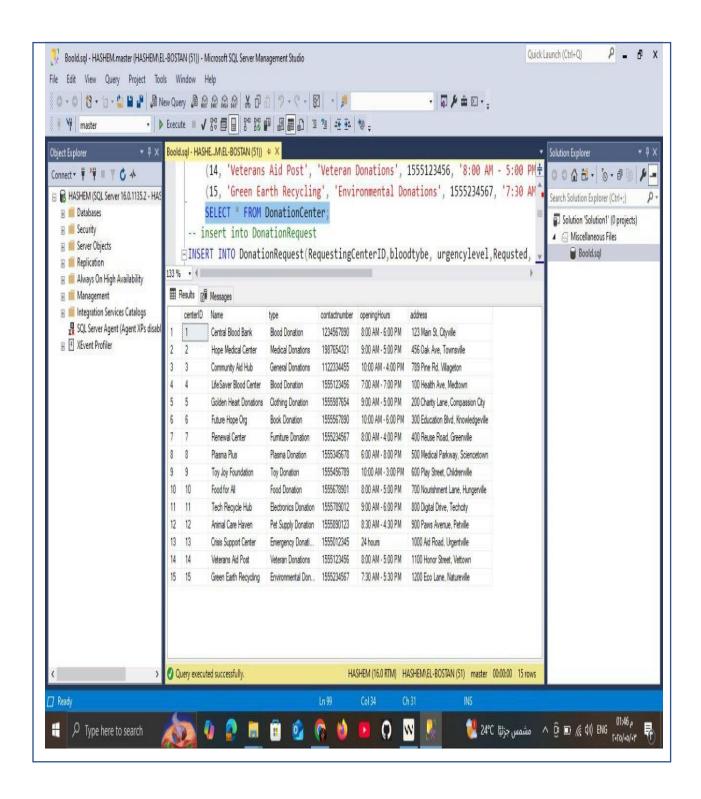


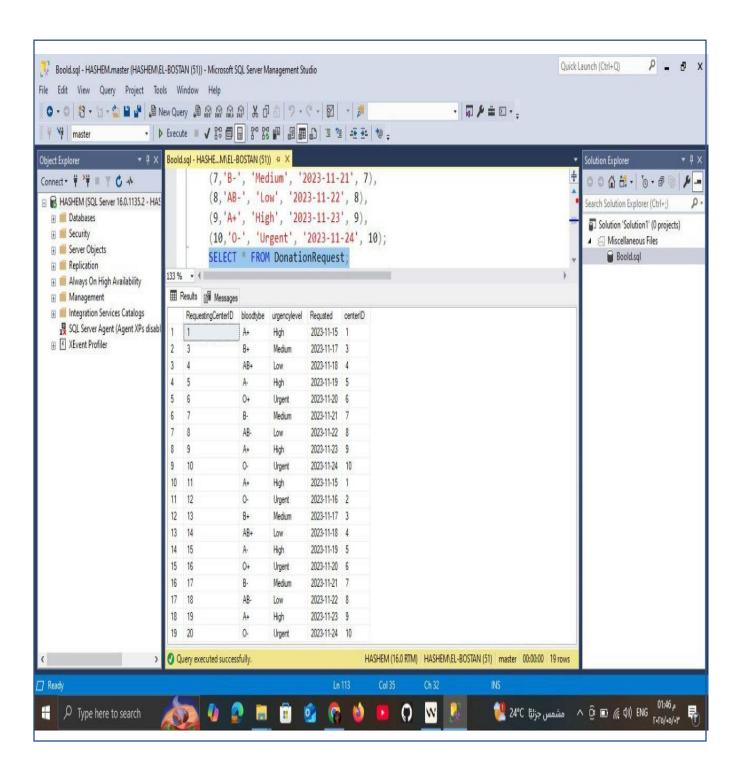


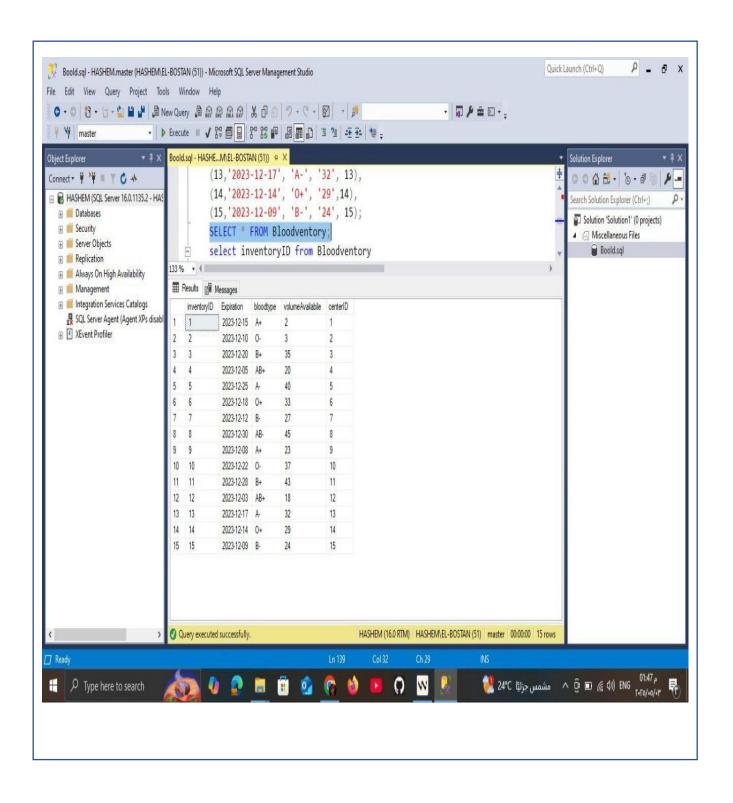


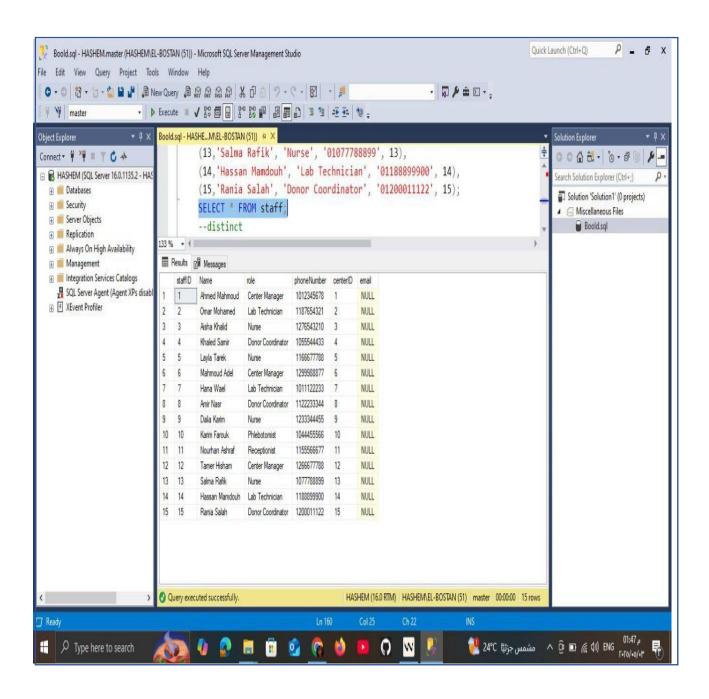


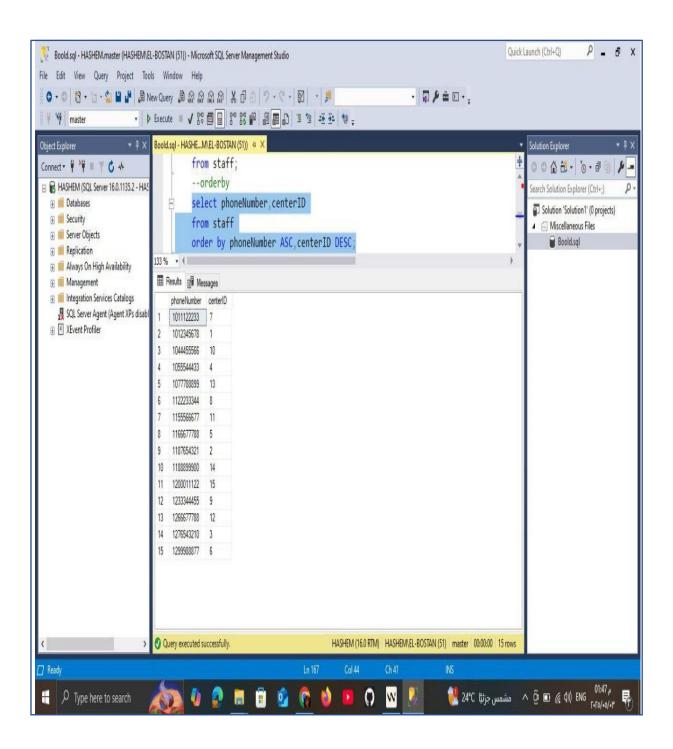


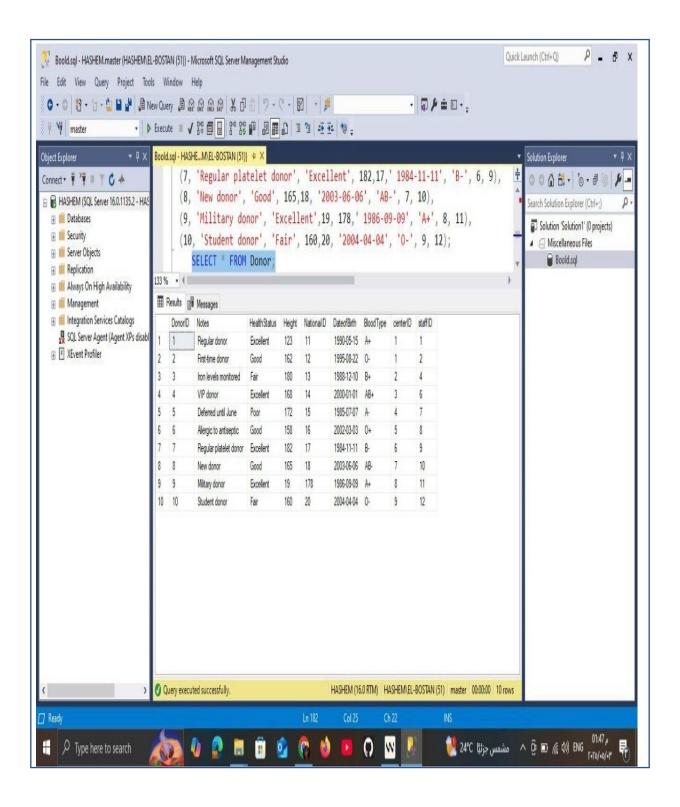


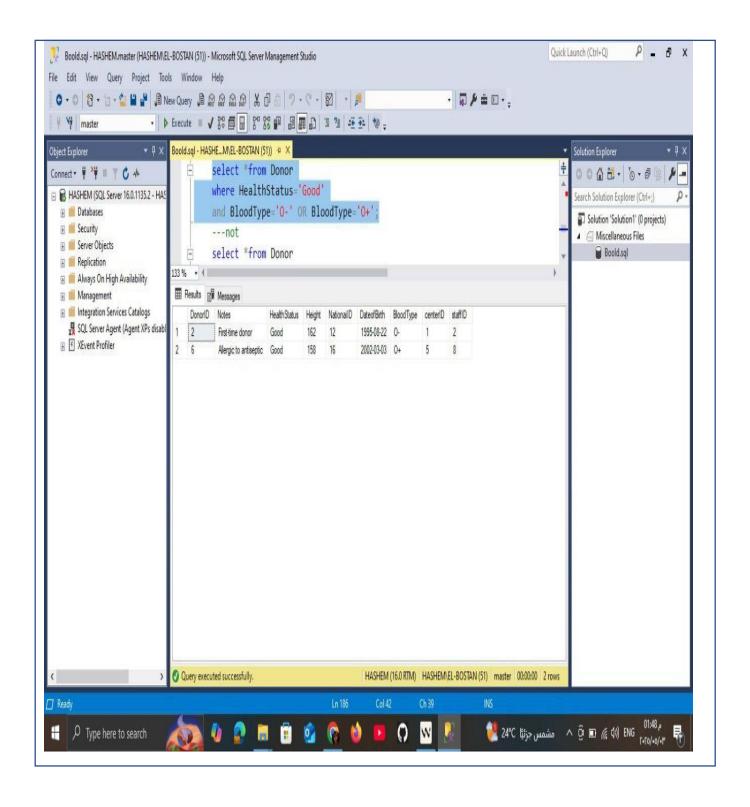


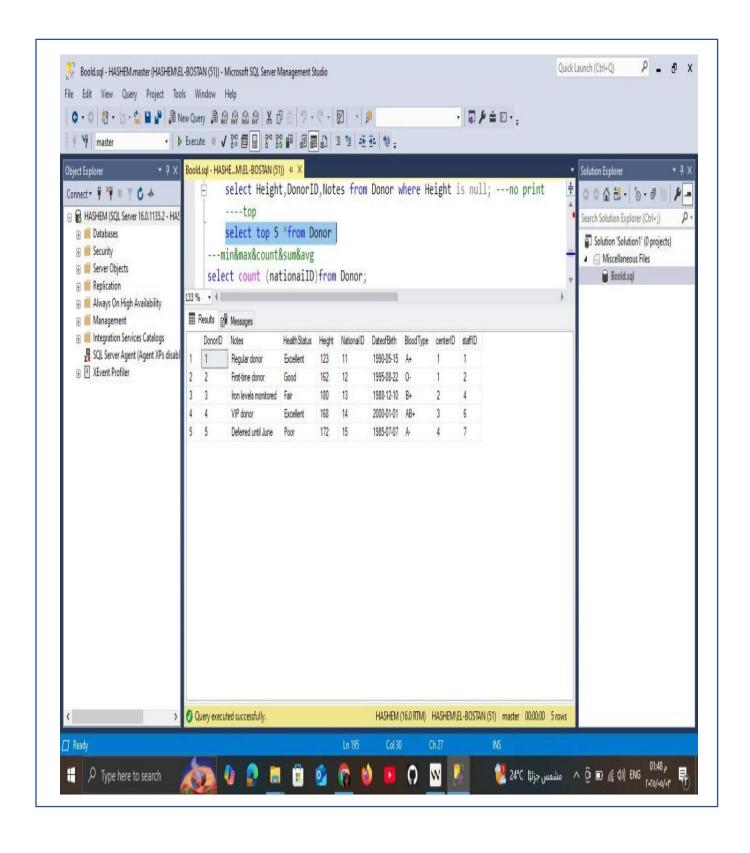


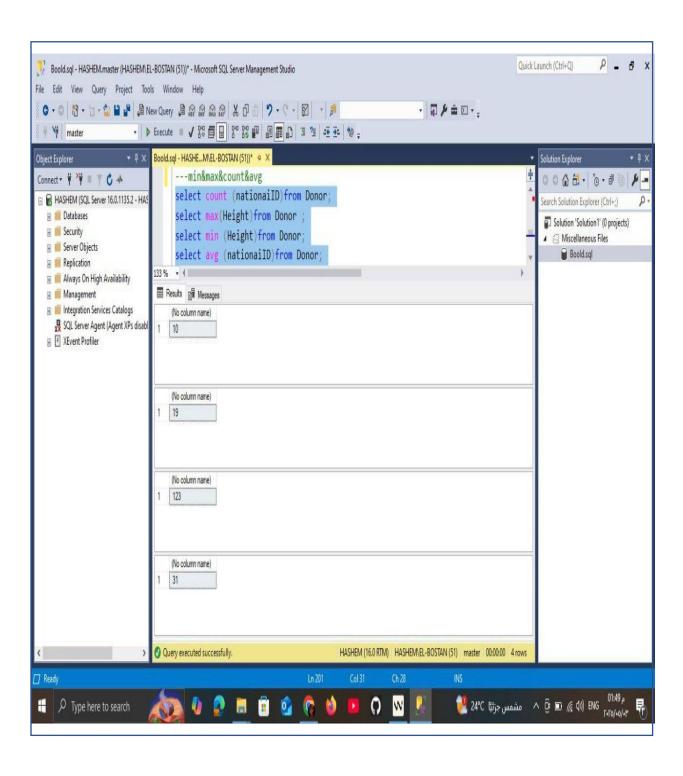


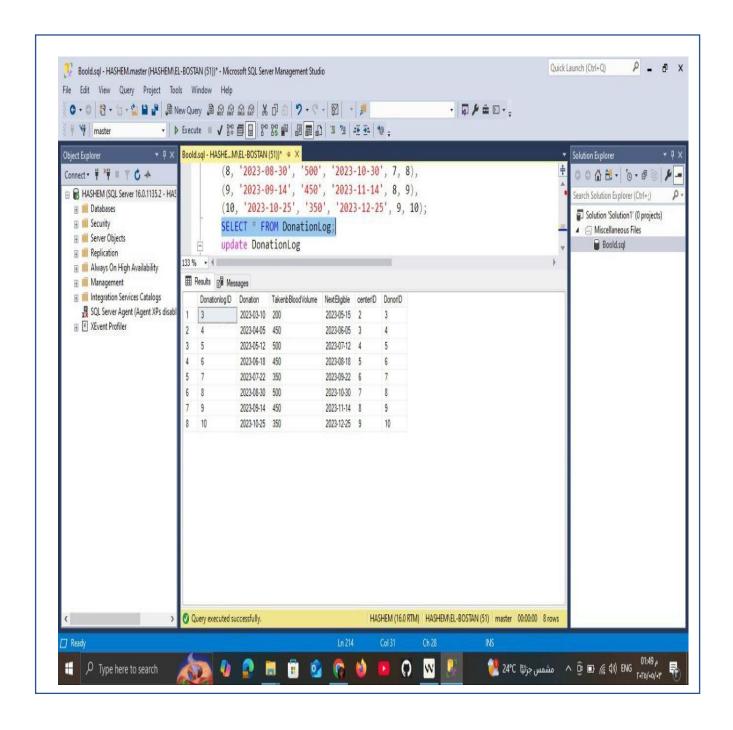


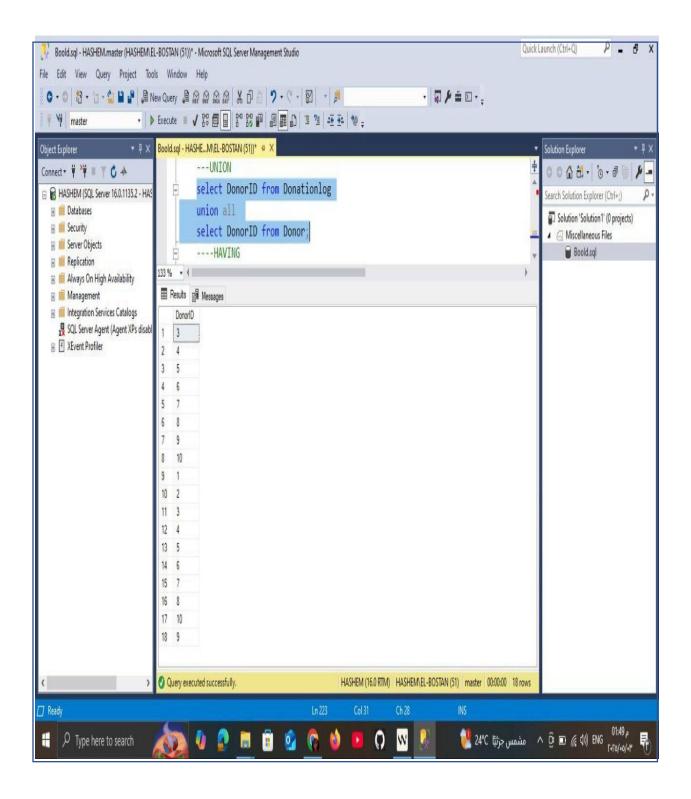












ANSWERS TO THE SQL QUESTIONS:

IN SQL SCRIPTS AND SCREENSHOTS



Thank you for your effort TA.Doha

