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| Ntsako |

Question 1

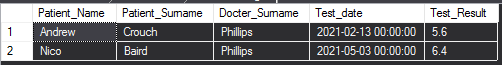
Q.1.1 create view NormalResults AS

select P.Patient\_Name, P.Patient\_Surname, D.Docter\_Surname, TR.Test\_date, TR.Test\_Result

from Patients as P, Test\_Results as TR, Docters as D

where P.Patient\_Id = TR.Patient\_Id and TR.Docter\_Id = D.Docter\_Id and TR.Test\_Result < 7.8;

select \* from NormalResults;



Q.1.2 create procedure PatientRecord @Patient\_Id varchar(5)

As

select D.Docter\_Surname, TR.Test\_date, TR.Test\_Result

from Patients as P, Test\_Results as TR, Docters as D

where P.Patient\_Id = @Patient\_Id and TR.Patient\_Id = @Patient\_Id and D.Docter\_Id = TR.Docter\_Id;

EXEC PatientRecord @Patient\_Id = 'PT001';



Q.1.3 select distinct D.Docter\_Id, D.Docter\_Surname, IIF(TR.Docter\_Id is null, 'No Patients Referred', 'Patients Referred') as 'REFERRALS'

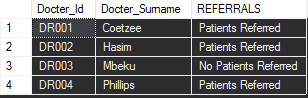
from Test\_Results as TR

right join Docters as D

on Tr.Docter\_Id = D.Docter\_Id

left join Patients as P

on TR.Patient\_Id = P.Patient\_Id;



Q.1.4 select P.Patient\_Name, P.Patient\_Surname, AVG(TR.Test\_Result) as 'Overall Average'

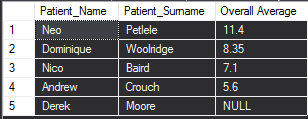
from Test\_Results as TR

right join Patients as P

on TR.Patient\_Id = P.Patient\_Id

group by P.Patient\_Name, P.Patient\_Surname

order by 'Overall Average' desc;



Q.1.5 select p.Patient\_Name, P.Patient\_Surname

from Test\_Results as TR

right join Patients as P

on TR.Patient\_Id = P.Patient\_Id

where TR.Patient\_Id is null;



Question 2

Q.2.1 create table Customers(

Customer\_Id varchar(10) not null primary key,

Customer\_Name varchar(50) not null

);

create table Equipment(

Equipment\_Code varchar(5) not null primary key,

Equipment\_Name varchar(50) not null,

Hourly\_Rate smallmoney not null

);

create table Equipment\_Bookings(

Customer\_Id varchar(10) not null,

Equipment\_Code varchar(5) not null,

Booking\_Date date not null,

Hours smallint not null,

Deposit\_Paid smallmoney not null,

foreign key (Customer\_Id) references Customers(Customer\_Id),

foreign key (Equipment\_Code) references Equipment(Equipment\_Code),

primary key(Customer\_Id, Equipment\_Code, Booking\_Date)

);

