SQL Queries

a) Create a table "UserDetails" with the following fields

UserId – int, primary key, identity field

username – varchar(255)

User_Type – int (Store 1 for admin, 2 for normal user)

b) Populate the table with the following data

UserId	username	User_Type
1	Sam	1
2	Mac	2
3	David	2
4	John	1

c) Create a table "UserPersonalInfo" with the following fields

UserPersonalInfoId – int, primary key, identity field

UserId – int (Foreign Key)

First_Name – varchar(255)

Last_Name – varchar(255)

Email_Id - varchar(255)

DOB – DATETIME

Address - varchar(MAX)

City- varchar(MAX)

State- varchar(MAX)

Country - varchar(MAX)

Salary- Decimal(18,2)

DOJ - varchar(MAX) (Date of Joining)

d) Populate the table with the following data(all fields to be filled)

UserPersonalInfoId	UserId	firstname	lastname	mailid	DOB	Address	City	State	Country	Salary	DOJ
1	1	Sam	Samuel								
2	2	Mac	Jason								
3	3	David	Johnson								
4	4	John	Matthew								

Fill the details appropriately and write queries for the following:

1. Select all admin users(i.e Select all user details whose User_type =1)

2. Update salary of users whose dateofjoining is greater than 1/1/2008
3. Insert UserPersonalInfo to another table.
4. Select all the users where salary is greater than the maximum salary of user_type admn
5. find average salary of each user type and display records in the format User Type, Average Salary
6. Find the Max, min salary and display records in the format

   UserPersonalInfoId, firstname, lastname, salary
7. Calculate DA (50% of salary), Professtional tax(5% of salary), Net Salary(salary + DA - Professtional tax)
8. Alter table " UserDetails" to change the " **username**" from varchar(255) to varchar(50)
9. Alter table to add a column "Age" to the " UserPersonalInfo" table
10. Alter table to add column user_status, Alter table to drop the column " user_status " to the " UserPersonalInfo" table
11. update UserPersonalInfo to calculate Age
12. Delete records from " UserPersonalInfo " where user_status = 2

Stored Procedures

1. Write a Stored Procedure for the following
   a. To get the details of the all the users
   b. To get all the details of a userpersonal info
   c. Adding a new user to the UserDetails table. The SP should accept parameters @UserName, @UserType
   d. Adding a new User Personnal Info. The SP should accept parameters relevant parameter and should return the id
   e. Updating the User Personnal Info. The SP should accept parameters relevant parameter
   f. To update the salary of User Personnal Info with **UserPersonalInfoId** is 1.condition for updating is
      - If work experience is greater than 3 year, then give a hike of 20%
      - Else if less than 3 years, then give a hike of 10%

        (Use if – else statement)
   g. To display User Name , years of experience