**AHMED SODIQ OLANREWAJU**

**SQL TEST ANSWERS**

Question 1.

CREATE DATABASE TEST\_COMPANY;

Question 2.

USE [TEST\_COMPANY]

GO

CREATE SCHEMA [EMP]

GO

Question 3.

USE [TEST\_COMPANY]

GO

CREATE TABLE [EMP].[EMPLOYEE](

[Id] [bigint] IDENTITY(1,1) NOT NULL,

[First\_Name] [varchar](50) NULL,

[Last\_Name] [varchar](50) NULL,

[Home\_Address] [varchar](200) NULL,

[Email\_Address] [varchar](200) NULL,

[Phone\_Number] [varchar](50) NULL,

[Position] [varchar](200) NULL,

[Salary] [bigint] NULL,

)

GO

Question 4.

USE [TEST\_COMPANY]

GO

INSERT INTO EMP.EMPLOYEE(First\_Name,Last\_Name,Home\_Address,Email\_Address,Phone\_Number,Position,Salary)VALUES('Sodiq','Ahmed','24, Iseyin Street Agunlejika, Cele Ijesha','Ahmedsodiq7@gmail.com','07065903222','MD',1500000);

INSERT INTO EMP.EMPLOYEE(First\_Name,Last\_Name,Home\_Address,Email\_Address,Phone\_Number,Position,Salary)VALUES('Tunde','Okediran','29, Iseyin Street Agunlejika, Cele Ijesha','TundeOkediran1212@gmail.com','08095713865','DEVELOPER 1',500000);

INSERT INTO EMP.EMPLOYEE(First\_Name,Last\_Name,Home\_Address,Email\_Address,Phone\_Number,Position,Salary)VALUES('Francis','Waje','4, Shofoluwe Street, Magbon Lagos','FrancisWaje21@gmail.com','09089909988','HR',300000);

INSERT INTO EMP.EMPLOYEE(First\_Name,Last\_Name,Home\_Address,Email\_Address,Phone\_Number,Position,Salary)VALUES('Micheal','Akinkuotu','12, Sanusi Street, Ibiye Lagos','AkinMike4me@gmail.com','08038193553','MANAGER',800000);

INSERT INTO EMP.EMPLOYEE(First\_Name,Last\_Name,Home\_Address,Email\_Address,Phone\_Number,Position,Salary)VALUES('Cynthia','Jude','2, Onifade Close, Ado-odo ota','ContactJudeCynthia@gmail.com','09087676544','INTERN',95000);

INSERT INTO EMP.EMPLOYEE(First\_Name,Last\_Name,Home\_Address,Email\_Address,Phone\_Number,Position,Salary)VALUES('Olanrewaju','Adewale','72, Iseyin Street Agunlejika, Cele Ijesha','OlaAdewale67@gmail.com','09083902212','DEVELOPER 2',450000);

GO

Question 5.

SELECT COUNT(salary) as number\_of\_all\_employee\_salary\_above\_150000 FROM [TEST\_COMPANY].[EMP].[EMPLOYEE] Where Salary > 150000

Question 6.

SELECT Sum(Salary) as total\_salary\_of\_all\_employees FROM [TEST\_COMPANY].[EMP].[EMPLOYEE]

Question 7.

SELECT Sum(Salary) as total\_salary\_of\_all\_developers FROM [TEST\_COMPANY].[EMP].[EMPLOYEE] Where Position IN('DEVELOPER 1','DEVELOPER 2')

Question 8.

SELECT Id,First\_Name,Last\_Name, Home\_Address, Email\_Address, Phone\_Number, Position, Salary

FROM [TEST\_COMPANY].[EMP].[EMPLOYEE] Where Id = (SELECT MAX(Id) FROM [TEST\_COMPANY].[EMP].[EMPLOYEE]);

Question 9.

Using the Id

UPDATE [TEST\_COMPANY].[EMP].[EMPLOYEE] SET Salary = 550000 Where Id = 2

Using the Position

UPDATE [TEST\_COMPANY].[EMP].[EMPLOYEE] SET Salary = 550000 Where Position = 'DEVELOPER 1'