Faculty of Engineering, Science & Technology
INDUS UNIVERSITY

Database Management system (0+1)

Project File

Spring 2022

Prepared By: Sir M Naqqash

Student Name: AHMED ALI ANSARI

Student ID: 1402-2020

Signature and Date: 6/7/2022

TOPSHOP Management System (BTOB , BTOC online Store)

Introduction:

The Top shop Management System Is A Business to Business , Business to Consumer Online Store Working Worldwide Having Customers and Companies relation Internationally with a courier services along with , where Firms of different Categories can have their Collaboration in Topshop to sell products with them worldwide using Top Shop Platform .

Objective:

- To Serve A long chain customers and businesses not locally but Internationally
- To Provide Fast Paced Delivery Services Through a courier Feature Addition
- Having Variety of items available along with Categories.
- To know in-depth Details of Workers and Customers
- To Add feature of More Firms/Businesses Involved and Sell their services and products through Topshop Store Platform

Tools:

Microsoft SQL Server Management Studio 2018

Tables :

Database consist of total 06 tables including tables are as follows

1. clients
2. Items_catalogue
3. Management
4. Category
5. Courier
6. Deliveries

DATABASE TABLES QUERIES

```sql
create database [TOP_SHOP]

Create Table clients(Client_ID INT NOT NULL , Client_NAME varchar(50),Contact
BIGINT ,Nation varchar(50),cities varchar(50),Firm_Name
VARCHAR(50),postal_Code int ,Location varchar(80),fax int,Region
varchar(20),Contact_Designation Varchar(50),PRIMARY KEY(Client_ID))


 Insert into clients (Client_ID, Client_NAME,Contact ,Nation ,cities ,Firm_Name
,postal_Code  ,Location ,fax,Contact_Designation) values


  (1,'Sam',74512,'Russia','Moscow','Traders lmtd ',7411,'sighnt 9 ohase 3
povski',45521479,'Sales Representative'),

(2,'Mantraia',854215,'Germany','Berlin','democare',7451,'plot 5 9th
seaville',174859637,'Accounts Manager'),

(3,'Casemiro',54771236,'England','London','Forty Sigms ',8741,'gazuka 5 north 4th
highway',45452132,'HR Intern'),

(4,'Frade o Conor',07416,'CHINA','Beijing','Marcose enterprises ',3278,'Wallstreet
west st 42',45663279,'Supervisor'),

(5,'Siman',854215,'GREECE','Athens','Florwight',7451,'plot 5 9th
seaville',174859637,'Programmer'),

(6,'Toretto Silva',21364257,'UK','Birmingham','Maximos ',7451,'commercial site 3
phase 9',85441252,'Supervsior'),

  (41,'Bairon',04916,'Germany','Berlin','Hascol lmtd ',3411,'briskfree plot 67
lacestire',99993133,'Sales Representative'),

(42,'Xaviar',013345,'France','Paris','Bast Base ',5631,'plot 5 9th st
caville',12459637,'Accounts
Manager'),(43,'Heather',98334556,'England','London','Grand vole ',4567,'gazuka 5
plo 1',45177234,'Supervisor'),
```

(44,'Sammy',46673,'France','Paris','WallMart enterprise',3278,'yorkshire west st 5',45663279,'HR Manager'),

(45,'Christiana',94523,'Germany','Berlin','Next Acess',5469,'sighnt 9 ohase 3 povski',54771236,'Accounts Manager'),

(46,'Shakur',81234,'England','London','Smart Corporation',8795,'soury hight north 9',45974132,'HR Intern'),

(7,'Samoa',79444,'BARBADOS','BridgeTown','Fiscal Traders',9874,'43rd sight 2nd wing hamsburgh',56632147,'Receptionist'),

(8,'Samuel',7245234,'BELGIUM','Brussels','Jaguar pvt lmt',8521,'popua ganeva 4th west height',21364257,'QA Engineer'),

(9,'Shawn',21288,'UK','London','Forth Genrations',2354,'mest side phase 04 plot no 342',99654123,'Accounts Manager'),

(10,'Jigping',93211,'CHINA','Beijing','Crosville industries',9812,'12th wing 32 west plot 09',65123754,'Sales Representative'),

(11,'Smith',5645,'COLOMBIA','Bogota','Gfs Builders',8854,'plot 70 south west phase 02 defense',98441236,'Supervisor'),

(12,'Harry',985236,'CROATIA','Zagreb','Glassdoor manufacturers',2136,'09th wing blasshights south LA',56412256,'Sales Representative'),

(13,'Trevor',321495,'COSTA RICA','San Jose','Intel lmtd',7845,'Maxim 8 north st 09 Liverpool',88456321,'Supervisor'),

(14,'Bery',87460,'CHILE','Santiago','Osaka Battries',6652,'Japan 4th floor 09 st ville',54123325,'HR Manager'),(15,'Hammad',95333,'EGYPT','Cairo','Nexus Paints',44632,'Tokyo 66th st 4th floor phase 04',63279143,'HR Intern'),

(16,'Mandes',8700,'ESTONIA','Tallin','Factors Associates',9412,'rivs 4th cross plot 65 California',84563211,'Programmer'),

(17,'Sam',9820374,'ECUADOR','Quito','Aramco pvt lmtd',1124,'pot 987 riyadh soudia arabia',54112365,'QA Engineer'),(18,'Micheal',87180,'ETHIOPIA','Addis Ababa','Cruise Fishries',7741,'georgia st 06 ploy 09 phase 03',55963214,'Accounts Manager'),

(19,'Frosty',78429,'GHANA','Accra','Marsh Optics',6325,'abudhabi cross 9 plot 06',56321496,'Supervisor'),

(20,'Max',78463,'GREECE','Athens','Revolution Group of industries',55641,'US Washignton phase 04 north plot 06',56237749,'Programmer'),

(21,'Hawks',213985,'GUYANA','GeorgeTown','Hamsburgh pvt Associates',5563,'madrid 04th side commercial floor 5th',63214456,'Sales Manager'),

(22,'Josh',84554,'HUNGARY','Budapest','Daff Foods',7451,'west south wales 09 plot',54123365,'Sales Representative'),

(23,'Zahid',784401,'IRAN','Tehran','Maheam wires ',8545,'78th wall street new york',54123654,'Programmer'),

(24,'Kenndy',457212,'IRELAND','Dublin','Toyota motors',6532,'Berlin Germany hightside 09 plot st 5',74396112,'Graphic Designer'),

(25,'Sandhu',8944001,'INDONESIA','Jakarta','Asg Oil traders',5466,'moscow Russia 123 plot phase 02',55412362,'HOD'),

(26,'Picasso',444101,'JAMAICA','Kingston','Maxima Cloths',3621,'Dubai Uk 9th karama side road 566 plot',56324122,'QA Engineer'),

(27,'lin',32101,'Japan','Tokyo','Rarew Industries',9643,'trent Bridge England plot 123 fiverise street',56321142,'Project Manager'),

(28,'George',4243,'Italy','Rome','Willow Field Makers',3298,'Eastside 4 south Maxico 4th plot 2nd floor',65328849,'HOD'),

(29,'Scott',1254952,'LEBANON','Beirut','FitRex Corporation',6324,'Roadside 87th street chille',65332124,'Supervisor'),

(30,'Floran',451821,'Germany','Berlin','Firefox Software House',6542,'Karachi pakistan st 05 karimabad',52113625,'Accounts Manager'),

(31,'Chriss',3652,'MEXICO','Mexico City','Nescomm Enterprises',4522,'street 03 plot 789 horsefort st petersburgh',5521364,'HR Intern'),

(32,'Shoib',56411230210,'MALAYSIA','Kuala Lampur','Priscals Corporations lmtd',6321,'singapore openfountain 4th arena side phase 2 plot 553',55214638,'Sales Manager'),

(33,'Sandhu',033201,'NEPAL','Khatmandu','Newsville',4522,'3rd ediction jorsh county plot 433',56994213,'Sales Representative'),

(34,'David',8565,'NORWAY','Oslo','Cyber Net pvt lmtd',4577,'osoa west plot 04 street 88',33214369,'Graphic Designer'),

(35,'Iris',6322101425,'NEW ZEALAND','Wellington','Express courier Services',66978,'phase 04 street 22th north west blisside',6693242,'Programmer'),(36,'Popua',413247,'POLAND','Warsaw','Ravi AutoMobiles pvt lmtd',9987,'access 03 phase 03 floor 3 ninth crossover',66321475,'Supervisor'),
(37,'Travis',124551,'Australia','Mellbourne','Nippon Paints',2327,'mehim 5th phase 02 plot 655 west',72412899,'Sales Manager'),

(38,'Andreas',56547103,'RUSSIA','Moscow','Waxive communications pvt lmtd',9712,'las rive street 03 3rd floor plot 931',66321749,'HR Intern'),

(39,'Cerry',6654712032,'SAINT LUCIA','Castries','Bondista Builders corporation',9632,'phase 03 9th road county side',96321447,'HOD'),

 (40,'Fahad',5441232,'Saudia Arabia','Riyadh','Static Industries',9632,'street 09 plot 221 cross bride north',99632143,'HR MANAGER')

UPDATE clients SET Region='VE' WHERE client_id IN (3,17,20);

UPDATE clients SET Region='AC' WHERE client_id IN (31,15,44);

select * from clients

CREATE TABLE Items_Catalogue (

   Product_ID int NOT NULL IDENTITY(1,1) PRIMARY KEY,

 Item_Name varchar(30) ,

  Supply_ID int not null,

  Category_ID int not null,

  Quantity_Per_Unit varchar(50),

Price float,

Stock_Available int not null,

```sql
    [Units Added to my Cart] int not null,

Reorder_Level int ,

    Discontinued int)

insert into
Items_Catalogue(Item_Name,Supply_ID,Category_ID,Quantity_Per_Unit,Price,Stock_Available, [Units Added to my Cart],Reorder_Level,Discontinued) values


 ('Lincofile Medics',2,3,'10 bottles',19.22,45,0,12,0),('Axact Solutions',1,4,'15 liters',33.56,10,0,0,0),

 ('Dettol Soap',3,5,'19 pcs',12.22,44,4,3,0),('Cyber Solutions',1,4,'88 products',87.22,45,13,1,0),

 ('Colgate toothpaste',2,5,'19 pcs',81.22,71,2,15,0),('Dell Laptops',1,4,'17 pcs',36.2,14,0,74,0),

 ('Audionic speakers',3,1,'3 pcs set',9112.33,87,0,89,0), ('Tapal Mixture',1,5,'5.7 grams / pack',65.11,0,0,0,1),

 ('Tarang Tea Milk',5,2,'50 ml / pack',54.47,0,8,0,1), ('Dentonic paste',2,5,'3.4mg / pack',97,54,14,0,0),

 ('Peakfreans Biscuits',6,6,'20 pcs / pack',85.44,11,1,13,0),('Lays Chips',1,6,'4.5 mg / pack',20.00,123,45,12,0),

 ('Slice Juice',7,6,'10.3 ml / piece',52.3,58,43,1,0),('Coca Cola',7,6,'2.5 liters / bottle',120.11,1377,45,91,0),


 ('Haier Air Conditions',3,1,'1 piece / box',810000.00,452,77,90,0),('Honda Motorbikes',4,7,'1 piece / purchase',50000.00,1123,45,12,0),


 ('Shell Petrol',4,3,'1 liter / purchase',210.00,1000,45,11,0),('Candyland Toffees',4,6,'88 pcs / box',5.00,542,343,33,0),
```

('Panadol tablets',2,3,'88 piece / box ',20.00,0,0,0,1),('Panther Tyres',5,7,'170 peice / box',180.00,55,34,11,0),

('Pak Fans',4,1,'1 peice / box ',10000.91,45,71,22,0),('Exotic chemicals',2,5,'18 packets / pack',710.12,14,65,87,0),

('Realme Phones',1,1,'1 pc / box',30000.00,910,32,22,0),('Nikon Camera',7,1,'1 piece / box ',50000.00,1200,543,14,0),

('Alwari Furnitures',3,8,'14 pcs / Item ',130000.00,122,33,14,0),('Nayab Flour',5,6,'1 kg / pack',123.22,4500,21,54,0),

('Indus Motors',3,7,'1 product / purchase',450000.00,453,22,21,0),('fortified washing powder',31,33,'3 kg / pack',120.00,1743,44,0,0),

('Tata fashion shoes',4,8,'2 pcs / box',850.00,0,0,0,1), ('Shaan Masala',4,6,'33.1 grms / pack',60.22,1,32,6,0),

('Haxcoal Tablet',9,3,'2.90 grms / pack',15.00,90,81,21,0), ('Craft Plaster',1,7,'88kg / box',32,54,95,1,0),

('VestHies Milk',3,2,'4 ltrs / pack',190.00,76,43,0,0),('PEL Refrigrators',3,1,'1 ton / bx',78000.00,712,74,0,0),

('Gree Tv',5,1,'1 peice / box',30000.00,84,12,0,0),('samsung Playbox',1,1,'3 peices / box',55000.12,392,89,3,0),

('Yaris Heat sink',4,1,'4 peices / box',20000.00,1423,58,1,0),('Transworld Solar system',3,1,'5 peices / box',68000.00,902,52,0,0),

('Kawasaki Bike',7,7,'1 piece / purchase',210000.00,8564,874,66,0),('Huawie Router',3,4,'1 piece / box',850.12,854,190,0,0),

('Smart Generator',4,1,'3 peices / box ',11120.32,0,0,0,1),('Surf excel',5,5,'1.5 kg / pack',110.00,423,85,41,0)

select * from Items_Catalogue

Create Table Management(Worker_ID int not null identity(1,1) primary key,Worker_Name varchar(20),Designation varchar(50),Borndate datetime,[Firm Join Date] DATEtime ,Address varchar(50),City Varchar(30),

Country varchar(30),Region varchar (20),Phone int not null,education varchar(30))

insert into Management(Worker_Name,Designation,Borndate,[Firm Join Date],Address,City,Country,Phone,education) values

('Kery Wilson','HOD','1971-11-08','2005-12-3','west heights north street 4','Wales','UK',03221458,'BS/Ms Project Managment'),

('Wasif Qureshi','Receptionist','1988-11-08','2015-12-3','Nazimabad 4th phase hillside apt no 334','Karachi','Pakistan',32143657,'BS Management Science'),

('Ford Ariksan','QA Engineer','1974-11-08','2008-12-3','6th strreet 4th phase wall street','Los Angelas','US',8544632,'BS Software Engineering'),

('Talha Wasim','Accounts Manager','1975-09-09','1993-07-19','Fawara chowk 4th floor phase 02','Riyadh','Saudia Arabia',21336542,'BBA'),

('Ahsan Khan','Sales Representative','1980-03-02','2008-07-04','Alwari Street Atlantis Block 15 5th Banglow','Dubai','UAE',65124987,'Bachelor of Finance'),

('Grime Wills','Supervisor','1968-12-16','2010-04-07','Times Sqaure 65th block 02nd floor Rifore Building','NewYork','US',63221459,'PHD Human Resource'),

('Henry Kane','HR Intern','1988-06-12','2020-01-01','Rockwilhights 7th floor 4 apt 706','Vancouver','Canada',54126325,'BS Management Science'),

('Ikram Shah','Programmer','1976-09-19','2012-06-03','FortFoures Society house 453 phase 9','Barcelona','Argentina',98745621,'BS Computer Science'),

('Waqas Arain','Accounts Manager','1981-04-08','2013-11-08','Al Naseer Housing apt 44','Jaddha','Saudia Arabia',658423151,'Chartered Accountant'),

('Ford Ariksan','Sales Manager','1975-04-04','2018-05-02','hilltop resort 3rd floor h no 23','Baku','Uzbakistan',56324175,'Masters in Stats'),

('Kazim Siddiqui','Project Manager','1979-07-06','2011-06-04','Elm Street 4th floor h no 977','Faislabad','Pakistan',95863241,'MS Computer Science'),

   ('Larry Carson','Graphic Designer','1972-04-04','2002-04-07','Bridroad phase 23 ho no 331','St Petersberg','Russia',65231258,'BS Software Engineering'),

('Tom Willies','Sales Representative','1988-11-08 00:00:00.000','2013-11-08 00:00:00.000','Al Naseer Housing apt 44','London','England','658433131','Masters in Stats'),

('Max Martinez','HOD','1975-09-09 00:00:00.000','2008-12-03 00:00:00.000','FortFoures Society house 453 phase 94','Vancouver','Canada','65485987','BS Management Science'),

('Deniz Fulkerson','HR Intern','1974-11-08 00:00:00.000','2010-04-07 00:00:00.000','Alwari Street Atlantis Block 15 5th Banglow','Bogota','Colombia','65485987','BBA'),

('Timo Werner','Graphic Designer','2011-06-04 00:00:00.000','2012-06-03 00:00:00.000','Rockwilhights 7th floor 4 apt 706','St Petersberg','Russia','65124987','MS Computer Science'),

('Sameer SHah','Sales Manager','1960-07-19 00:00:00.000','1972-04-04 00:00:00.000','Samrabad 7th floor 34 apt 42','Baghdad','Iraq','65124987','Masters in Stats'),

('Hammad Safi','Accounts Manager','1988-06-12 00:00:00.000','2008-07-04 00:00:00.000','Mehmod colony phase 3 building 314','Tehran','Iran','85474632','BBA'),

('Masood Faraz','QA Engineer','1975-09-09 00:00:00.000','2018-05-02 00:00:00.000','tristan 34 street banglow 4','Baku','Azerbaijan','95863241','BS Software Engineering'),

('Tamria Samjore','Graphic Designer','1979-07-06 00:00:00.000','2008-12-03 00:00:00.000','FortFoures Society house 453 phase 9','Khatmandu','Nepal','632278459','BS Software Engineering')

update management set Country = 'England' where worker_id in (1,10,4)

update management set city = 'London' where worker_id in (1,10,4)

update management set Country = 'Colombia' where worker_id in (3,5,6)

```sql
update management  set city = 'Bogota' where worker_id in (3,5,6)

UPDATE [Items_Catalogue] SET Supply_ID =6 WHERE product_id IN (25,28,27);

select * from Management


create table Category(Category_ID int not null identity(1,1) primary
key,Item_Type_Name varchar(40),Contents Varchar(190))

insert Into Category(Item_Type_Name,Contents) values

('Electronic_Items','Washing machine,Bulbs,Tvs,microwave oven,Iron,Speakers
etc'),

('Tea/Milk','Milk Dry/Powder,tea masala,sugar,green leafs etc'),

('Pharmaceuticals','Tablets,injections,sirups,vaccines,antibiotics etc'),

('IT_Accesories','Rams,Roms,Hard drives,Power
cables,Routers,printers,scanners,usb,webcams,chargers etc'),

('Cleaning Compounds','Washing Powder,Anti bacterial Soaps,Anti
Oxidents,spunges,vaccum,scrub,Spray Bottle etc'),

('Eat_Items','poultry,eggs,nuts,meat,wholgrain,yogurt,fishes etc'),

('Auto_Mobile_And_Accesories','Cars,bikes,traines,Buses,tyres,rickshaws,axel,Bo
nut,Headlights etc'),

('Fashion','hat,shoes,glasses,watches,T_Shirts,Plan Pants,bracelets etc')


  select * from Category


create Table Courier(Supply_ID int not null identity (1,1) primary
key,Trade_Company_Name varchar(40),Trader_Name varchar(40),[Position or
title] varchar(50),company_Address varchar(190),city varchar (30),Country
varchar (40),Region varchar(10))

insert into Courier(Trade_Company_Name,Trader_Name,[Position or
title],company_Address,city,Country) values
```

('Reactor Services','Josh De Silva','Audits Manager','12 street harmens site company plot 421','Beijing','China'),

('Flora vales International Traders','Remo Felix','Export Administrator','Glexo Fishing Yard north 5th industrial highway phase 3','Malbourne','Australia'),

('TCS Couriers pvt lmtd','Wasif Ashfaq','Export Supervisor','7th floor east phase 3 plot 312','Gawader','Pakistan'),

('WillowField pvt lmtd','Mendi O Conor','Taxation Agent','highlines north hamsberg 9th industrial phase','Captown','South Africa'),

('Leopard Couriers','Sam Curran','Coordinator Foreign affairs','roadside north westfeild 11 phase plot 8411','Baku','Azerbaijan'),

('DH Linkers Associates','Cillian Murphy','Accounting Manager','firm 783 road hadokam 3','Dhaka','Bangladesh'),

('Confined Traders','Benjamin Turner','Order Administrator','phase 771 north industrial site plot 311','Ohio','USA')

update Courier set Region = 'NW' where Supply_ID=2

update Courier set Region = 'HA' where Supply_ID=6

select * from Courier

create table Deliveries(delivery_id int not null identity(10248,1),Client_ID int not null ,Worker_ID int not null ,Product_ID int,shipment_price float,Quantity int not null , discount int,ship_name varchar(40),ship_city varchar(40),ship_region varchar(30),Delivery_Date date)

insert into Deliveries (Client_ID,Worker_ID,Product_ID,shipment_price,Quantity,discount,ship_name,ship_city,Delivery_Date) values

(25,12,17,56.3,54,0.23,'Seaways carrier','Oslo','2008-07-04'),

(18,6,14,98.43,75,18.00,'Consulate carrier','LiverPool','2013-11-04'),

(20,8,30,76.44,112,0.11,'Alzarif Ship','Colombo','2000-11-14'),
(34,5,21,87.65,45,2.12,'Yaris','Perth','2005-07-19'),
(16,9,11,85.44,21,78.00,'WestHam','Maxico city','2020-04-11'),
(30,11,35,64.33,42,4.88,'WingSharp','Peshawar','2017-07-02'),
(12,4,18,96.63,18,34.00,'Sewory','Dhaka','2015-06-06'),
(21,10,17,64.44,74,33.23,'Willfield','Manchester','2019-10-06'),
(12,9,26,54.32,66,78.44,'Commute ship','Dubai','2018-07-04'),
(23,3,17,753.55,123,0.21,'Matricore','Khatmandu','2021-04-09'),
(13,5,37,842.23,53,0.12,'FrostAte','Baku','2012-08-04'),
(15,3,33,314.41,5342,0.45,'Conware','Beijing','2008-11-06'),
(26,12,16,36.32,55,0.64,'Rexowire','Faislabad','2021-04-11'),
(21,5,34,51.67,89,64.24,'Fonthight','Cairo','2008-12-04'),
(30,8,37,86.66,56,33.32,'Infobare','Berlin','2020-07-04'),
(20,2,33,41.53,11,53.67,'TrifAt','Tokyo','2010-11-04'),
(17,4,14,67.55,53,66.32,'Macgin','Tehran','2022-11-04'),
(31,12,31,55.53,33,0.74,'Petramoore','Baghdad','2020-11-04'),
(12,09,26,54.32,66,78.44,'ramikey','Vetican city','2017-07-11'),
(24,10,17,532.66,86,0,'ramikey','Vetican city','2009-12-28'),
(19,5,15,64.54,87,0.0,'Hamsberg','St petersberg','2011-05-11'),
(29,6,11,643.78,65,0,'Troflight','South Carolina','2008-07-04'),
(19,12,36,42.12,11,12.11,'Rinsight','islamabad','2022-04-05'),
(16,8,14,55.32,62,5.22,'Flisfat ship','Switzerland','2020-12-08'),
(22,1,19,34.56,32,0.00,'Graszayr','Sydney','2008-07-04'),
(20,6,17,45.21,341,52.122,'Bayhem','Quetta','2021-06-22'),
(31,3,20,43.55,31,1.32,'Fortfright','Venzuela','2021-05-11'),
(12,4,11,51.64,78,33.12,'Costfort','Barcelona','2011-10-02'),

```
(19,8,32,56.31,93,2.31,'Atville','Abu Dhabi','2010-01-01'),
(31,3,18,56.44,18,56.22,'Amsberg','Washington DC','2008-07-04'),
(21,10,17,442.32,44,42.23,'Contradict','Moscow','2020-07-04'),
(31,3,31,66.22,66,34.00,'Mactop','Somalia','2008-07-11'),
(42,3,11,42.55,44,0.45,'Indoris','Antalia','2021-11-21'),
(11,5,12,33.43,56,0.42,'transfas','Dehli','2019-03-12'),
(35,3,13,52.43,42,42.11,'Backsab','harare','2020-03-22'),
(32,3,15,32.33,18,0.33,'Trailfat','shanghai','2021-11-21'),
(21,5,34,42.67,89,44.42,'Cambsight','Sao Polo','2021-05-11'),
(19,11,15,561.11,32,31.11,'Infobare','manila','2021-11-21'),
(17,2,14,41.33,38,12.67,'Sinchan','lagos','2020-07-04'),
(29,4,18,16.515,74,0.32,'Traflight','Istanbul','2021-11-21'),
(35,3,13,52.43,42,42.11,'Backsab','harare','2020-03-22'),
(19,2,33,43.33,12,78.44,'Contami','Osaka','2020-03-22'),
(30,9,18,531.66,311,31.11,'Simbore','Riyadh','2021-11-21'),
(19,5,42,42.33,42,0.0,'Hamsberg','Wuhan','2021-11-21'),
(29,4,42,481.78,65,0,'Troflight','Ahmedabad','2008-07-11'),
(8,12,33,42.42,32,12.11,'Rinsight','Kaula Lampur','2021-11-21')
update Deliveries set client_id=1 where delivery_id in (10285)
update Deliveries set client_id=6 where delivery_id in (10272)
update Deliveries set client_id=7 where delivery_id in (10267)
update Deliveries set client_id=5 where delivery_id in (10283)
update Deliveries set client_id=4 where delivery_id in (10292)
update Deliveries set client_id=37 where delivery_id in (10266)
update Deliveries set client_id=43 where delivery_id in (10258)
select * from Deliveries
```

DATABASE TABLES Output

Table 01 :

	Client_ID	Client_NAME	Contact	Nation	cities	Firm_Name	postal_Code	Location	fax
1	1	Sam	74512	Russia	Moscow	Traders lmtd	7411	sighnt 9 ohase 3 povski	4552
2	2	Mantraia	854215	Germany	Berlin	democare	7451	plot 5 9th seaville	1748!
3	3	Casemiro	54771236	England	London	Forty Sigms	8741	gazuka 5 north 4th highway	4545
4	4	Frade o Conor	7416	CHINA	Beijing	Marcose enterprises	3278	Wallstreet west st 42	4566
5	5	Siman	854215	GREECE	Athens	Florwight	7451	plot 5 9th seaville	1748!
6	6	Toretto Silva	21364257	UK	Birmingham	Maximos	7451	commercial site 3 phase 9	8544
7	7	Samoa	79444	BARBADOS	BridgeTown	Fiscal Traders	9874	43rd sight 2nd wing hamsburgh	5663
8	8	Samuel	7245234	BELGIUM	Brussels	Jaguar pvt lmt	8521	popua ganeva 4th west height	2136
9	9	Shawn	21288	UK	London	Forth Genrations	2354	mest side phase 04 plot no 342	9965
10	10	Jigping	93211	CHINA	Beijing	Crosville industries	9812	12th wing 32 west plot 09	6512

Table 02 :

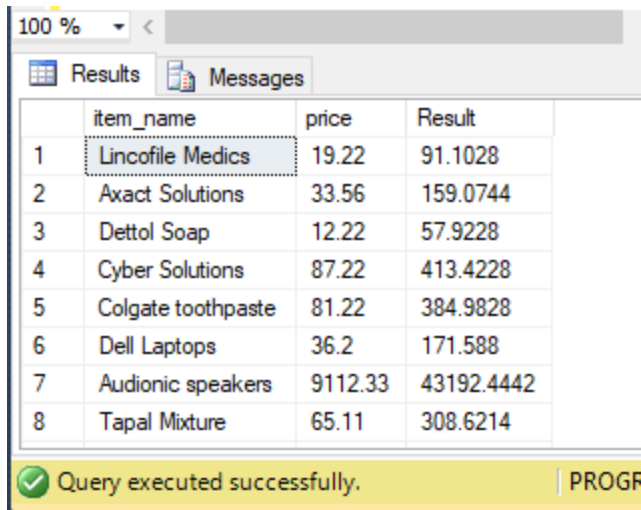|	Product_ID	Item_Name	Supply_ID	Category_ID	Quantity_Per_Unit	Price	Stock_Available	Units Added to my Cart	Reorder_Le
1	1	Lincofile Medics	2	3	10 bottles	19.22	45	0	12
2	2	Axact Solutions	1	4	15 liters	33.56	10	0	0
3	3	Dettol Soap	3	5	19 pcs	12.22	44	4	3
4	4	Cyber Solutions	1	4	88 products	87.22	45	13	1
5	5	Colgate toothpaste	2	5	19 pcs	81.22	71	2	15
6	6	Dell Laptops	1	4	17 pcs	36.2	14	0	74
7	7	Audionic speakers	3	1	3 pcs set	9112.33	87	0	89
8	8	Tapal Mixture	1	5	5.7 grams / pack	65.11	0	0	0
9	9	Tarang Tea Milk	5	2	50 ml / pack	54.47	0	8	0
10	10	Dentonic paste	2	5	3.4mg / pack	97	54	14	0

Query executed successfully. |PROGRAMMING-LAB (11.0 RTM) |PROGRAMMING-LAB\Studen... | TOP_SHOP | 00:00:00 | 42 rows

Table 03 :

	Worker_ID	Worker_Name	Designation	Borndate	Firm Join Date	Address
1	1	Kery Wilson	HOD	1971-11-08 00:00:00.000	2005-12-03 00:00:00.000	west heights north street 4
2	2	Wasif Qureshi	Receptionist	1988-11-08 00:00:00.000	2015-12-03 00:00:00.000	Nazimabad 4th phase hillside apt no 334
3	3	Ford Ariksan	QA Engineer	1974-11-08 00:00:00.000	2008-12-03 00:00:00.000	6th strreet 4th phase wall street
4	4	Talha Wasim	Accounts Manager	1975-09-09 00:00:00.000	1993-07-19 00:00:00.000	Fawara chowk 4th floor phase 02
5	5	Ahsan Khan	Sales Representative	1980-03-02 00:00:00.000	2008-07-04 00:00:00.000	Alwari Street Atlantis Block 15 5th Banglow
6	6	Grime Wills	Supervisor	1968-12-16 00:00:00.000	2010-04-07 00:00:00.000	Times Sqaure 65th block 02nd floor Rifore Buil
7	7	Henry Kane	HR Intern	1988-06-12 00:00:00.000	2020-01-01 00:00:00.000	Rockwilhights 7th floor 4 apt 706
8	8	Ikram Shah	Programmer	1976-09-19 00:00:00.000	2012-06-03 00:00:00.000	FortFoures Society house 453 phase 9
9	9	Waqas Arain	Accounts Manager	1981-04-08 00:00:00.000	2013-11-08 00:00:00.000	Al Naseer Housing apt 44
10	10	Ford Ariksan	Sales Manager	1975-04-04 00:00:00.000	2018-05-02 00:00:00.000	hilltop resort 3rd floor h no 23

Query executed successfully.   PROGRAMMING-LAB (11.0 RTM) | PROGRAMMING-LAB\Studen... | TOP_SHOP | 00:00:00 | 20 rows

Table 04 :

	Category_ID	Item_Type_Name	Contents
1	1	Electronic_Items	Washing machine,Bulbs,Tvs,microwave oven,Iron,Sp...
2	2	Tea/Milk	Milk Dry/Powder,tea masala,sugar,green leafs etc
3	3	Pharmaceuticals	Tablets,injections,sirups,vaccines,antibiotics etc
4	4	IT_Accesories	Rams,Roms,Hard drives,Power cables,Routers,printer...
5	5	Cleaning Compounds	Washing Powder,Anti bacterial Soaps,Anti Oxidents,sp...
6	6	Eat_Items	poultry,eggs,nuts,meat,wholgrain,yogurt,fishes etc
7	7	Auto_Mobile_And_Accesories	Cars,bikes,traines,Buses,tyres,rickshaws,axel,Bonut,H...
8	8	Fashion	hat,shoes,glasses,watches,T_Shirts,Plan Pants,bracel...

Query executed successfully.   PROGRAMMING-LAB (11.0 RTM) | PROGRAMMING-LAB\Studen... | TOP_SHOP | 00:00:00 | 8 rows

Table 05 :

Table 06 :

Queries

Query 01 :

```
select item_name,price,3.74*price+price as Result from [Items_Catalogue]
```

Output 01 :
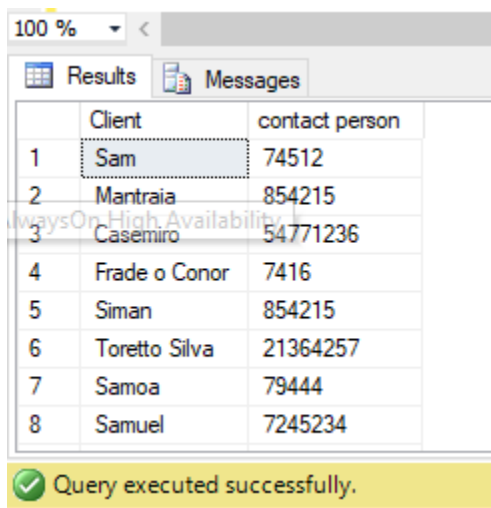
Query 02 :

select client_name as Client,Contact as [contact person] from clients
Ouput 02 :

Query 03 :

select client_id,client_name,contact,Nation,cities from clients where client_ID between 20 and 40

Output 03 :

	client_id	client_name	contact	Nation	cities
1	20	Max	78463	GREECE	Athens
2	21	Hawks	213985	GUYANA	GeorgeTown
3	22	Josh	84554	HUNGARY	Budapest
4	23	Zahid	784401	IRAN	Tehran
5	24	Kenndy	457212	IRELAND	Dublin
6	25	Sandhu	8944001	INDONESIA	Jakarta
7	26	Picasso	444101	JAMAICA	Kingston
8	27	lin	32101	Japan	Tokyo

Query executed successfully. | PROGRAMMING-LA

Query 04 :

select client_id,client_name,contact,nation,cities from clients where cities='Tokyo' or cities ='Oslo' or cities='Beirut'

Output 04 :

	client_id	client_name	contact	nation	cities
1	27	lin	32101	Japan	Tokyo
2	29	Scott	1254952	LEBANON	Beirut
3	34	David	8565	NORWAY	Oslo

Query executed successfully. | PROGRAMMING-LAB (11.0 RTM)

Query 05 :

select * from clients where Client_NAME like '___a%'

Output 05 :

Query 06 :

select client_name,nation from clients where Nation not in ('UK','Rome')

Output 06 :

Query 07 :

select Worker_ID as ID,Worker_name as Employee,designation as Position from Management

Output 07 :

Query 08 :

```
select client_name from clients where client_name like '%s'
```

Ouput 08 :

Query 09 :

```
select * from  clients where Contact_Designation='programmer'
```

Output 09 :

Query 10 :

select client_name from clients order by Client_NAME desc

Output 10 :

Query 11 :

select Category_ID,floor(max(price)) as Maximum,floor(min(price)) as minimum,floor(sum(price)) as sum,floor(AVG(price)) as average from Items_Catalogue group by Category_ID

Output 11 :

Query 12 :

```sql
select Category_ID,floor(max(price)) as Maximum,floor(min(price)) as
minimum,floor(sum(price)) as sum,floor(AVG(price)) as average from Items_Catalogue
where Price between 50 and 100 group by Category_ID
```

Output 12 :

Query 13 :

```sql
select region,count(region) as [employees whom belong to this region] from clients
where region is not null group by Region
```

Output 13 :

	region	employees whom belong to this region
1	AC	3
2	VE	3

Query executed successfully. | PROGR

Query 14 :

select Contact_Designation,Contact from clients order by Contact_Designation desc

Output 14 :

	Contact_Designation	Contact
1	Supervsior	21364257
2	Supervisor	7416
3	Supervisor	5645
4	Supervisor	321495
5	Supervisor	78429
6	Supervisor	1254952
7	Supervisor	413247

Query executed successfully.

Query 15 :

select Product_ID,count(Quantity) as [total orders by each product_id] from Deliveries where Product_ID in (select Product_ID from Deliveries group by Product_ID having count(Quantity) > 3) group by Product_ID

Output 15 :

	Product_ID	total orders by each product_id
1	11	4
2	14	4
3	17	6
4	18	4
5	33	4

Query executed successfully. | PROC