

Project_Item_4

Team Members:

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Project Topic:

INVENTORY MANAGEMENT SYSTEM

Create & Execute SQL scripts – DDL

--Supplier Created

```
create table supplier(  
supplierid number(9,0),  
suppliername varchar2(20),  
phone number(10,0),  
address varchar2(40),  
constraint pk_supplier primary key (supplierid)  
)
```

--ItemCategory Created s

```
create table itemcategory(  
categoryid number(9,0),  
categoryname varchar(20),  
constraint pk_categoryid primary key (categoryid)  
)
```

--item Created

```
create table item(  
  itemid number(9,0),  
  supplierid number(9,0),  
  itemname varchar2(20),  
  itemdescription varchar2(40),  
  categoryid number(9,0),  
  constraint pk_item primary key (itemid),  
  constraint fk_supplier foreign key (supplierid) references supplier(supplierid) ON DELETE CASCADE,  
  constraint fk_categoryid foreign key(categoryid) references itemcategory(categoryid) ON DELETE  
  CASCADE  
)
```

--AdminList Created

```
create table adminlist(  
  adminid number(9,0),  
  constraint pk_adminid primary key (adminid)  
)
```

--Employee Created

```
create table emp(  
  firstname varchar2(20),  
  lastname varchar2(20),  
  empid number(9,0),  
  mgrid number(9,0),  
  emproles varchar2(20),  
  ssn varchar(11),  
  constraint pk_emp primary key (empid),  
  constraint fk_mgr foreign key (mgrid) references adminlist(adminid) ON DELETE CASCADE  
)
```

--Inventory Storage Created

```
create table inventorystorage(  
  storageno number(9,0),  
  inventorylocation varchar2(20),  
  constraint pk_inventorystorage primary key (storageno)  
)
```

--Inventory Created

```
create table inventory(  
    itemid number(9,0),  
    empid number(9,0),  
    quantity number(9,0),  
    storageno number(9,0),  
    constraint fk_item foreign key (itemid) references item(itemid) ON DELETE CASCADE,  
    constraint fk_inventorystorage foreign key (storageno) references inventorystorage(storageno)ON  
DELETE CASCADE,  
    constraint fk_emp foreign key (empid) references emp (empid)ON DELETE CASCADE  
)
```

--Address Type Created

```
create table addresstype(  
    addresstypeid number(9,0),  
    typeofaddress varchar2(20),  
    constraint pk_addresstype primary key (addresstypeid)  
)
```

--Adderss Created

```
create table address(  
    empid number(9,0),  
    street varchar2(20),  
    addresstypeid number(9,0),  
    city varchar(20),  
    pincode number(5),  
    constraint pk_address primary key (addresstypeid,empid),  
    constraint fk_addressempid foreign key (empid) references emp(empid) ON DELETE CASCADE,  
    constraint fk_addresstypeid foreign key (addresstypeid) references addresstype(addresstypeid) ON  
DELETE CASCADE  
)
```

--Orders created

```
create table orders(  
  
    adminid number(9,0),  
  
    orderid number(9,0),  
    orderdate date,  
    totalprice number(9,2),
```

```
constraint pk_orders primary key (orderid),  
constraint fk_adminlist foreign key (adminid) references adminlist(adminid) ON DELETE CASCADE  
)
```

--Shipment created

```
create table shipment(  
  
shipmentno number(9,0),  
orderid number(9,0),  
shipmentdate date,  
constraint pk_shipment primary key (shipmentno),  
constraint fk_shipmentorderid foreign key (orderid) references orders(orderid) ON DELETE CASCADE  
)
```

--Orderline created

```
create table orderline(  
orderid number(9,0),  
itemid number(9,0),  
itemname varchar2(20),  
orderid number(9,0),  
quantity number(9,0),  
price number(9,2),  
constraint pk_orderline primary key (orderid),  
constraint fk_orderlineitemid foreign key (itemid) references item(itemid)ON DELETE CASCADE,  
constraint fk_orderlineorderid foreign key (orderid) references orders(orderid)ON DELETE CASCADE  
)
```

--Shipmentdetails created

```
create table shipmentdetails(  
shipmentdetailsid number(9,0),  
shipmentno number(9,0),  
paymentamount number(9,2),  
constraint pk_shipmentdetails primary key (shipmentdetailsid),  
constraint fk_shipmentno foreign key (shipmentno) references shipment(shipmentno) ON DELETE  
CASCADE  
)
```

Add sample data - DML Reports – SQL

-- Data added to supplier table

```
INSERT INTO supplier (supplierid, suppliername, phone, address)
VALUES (100, 'OrderPros', 8645636334, 'Boston');
INSERT INTO supplier VALUES (101, 'StoreSupp', 8645665634, 'Chicago');
INSERT INTO supplier VALUES(102,'Whole Supp',8345672234, 'California');
INSERT INTO supplier VALUES(103,'Groceries',8335678134, 'Seattle');
INSERT INTO supplier VALUES(104,'Suppliers',8355878234, 'Newyork');
INSERT INTO supplier VALUES(105,'Mercury Microsystems',8316876834,'Boston');
INSERT INTO supplier VALUES(106,'Dwarf Coms',8316876835,'Boston');
INSERT INTO supplier VALUES(107,'Hog',8316876836,'Boston');
INSERT INTO supplier VALUES(108,'Nightelligence',8316876837,'Boston');
INSERT INTO supplier VALUES(109,'Elitelligence',7654159824,'Boston');
INSERT INTO supplier VALUES(110,'Deserprises',7654159825,'Boston');
INSERT INTO supplier VALUES(111,'Primedia',7654159826,'Dallas');
INSERT INTO supplier VALUES(112,'Firehead',7654159827,'Austin');
INSERT INTO supplier VALUES(113,'Motionwalk',7654159828,'Buffalo');
INSERT INTO supplier VALUES(114,'Roseworks',7654159829,'Buffalo');
INSERT INTO supplier VALUES(115,'Alp Productions',6781593574,'Buffalo');
INSERT INTO supplier VALUES(116,'Phoenix Networks',6781593575,'Buffalo');
INSERT INTO supplier VALUES(117,'Essensecurity',6781593576,'Buffalo');
INSERT INTO supplier VALUES(118,'Bluetronics',6781593577,'Buffalo');
INSERT INTO supplier VALUES(119,'Whirlpoolutions',6781593578,'Dallas');
INSERT INTO supplier VALUES(120,'Brisco',6781593579,'Dallas');
INSERT INTO supplier VALUES(121,'Mermaidbeat',9518476231,'Dallas');
INSERT INTO supplier VALUES(122,'Griffinbit',9518476231,'Dallas');
INSERT INTO supplier VALUES(123,'Rootwheels',9518476231,'Chicago');
INSERT INTO supplier VALUES(124,'Maze Coms',9518476231,'Chicago');
INSERT INTO supplier VALUES(125,'Hercules Softwares',9518476231,'Chicago');
INSERT INTO supplier VALUES(126,'Great White Solutions',9518476231,'Chicago');
INSERT INTO supplier VALUES(127,'Wavigations',9518476231,'Seattle');
INSERT INTO supplier VALUES(128,'Bansheelectronis',9518476231,'Seattle');
INSERT INTO supplier VALUES(129,'Marblightning',8527413694,'Seattle');
INSERT INTO supplier VALUES(130,'Moondustries',8527413694,'Seattle');
INSERT INTO supplier VALUES(131,'Leopardlife',8527413694,'Detroit');
INSERT INTO supplier VALUES(132,'Boarshine',8527413694,'Detroit');
INSERT INTO supplier VALUES(133,'Owlwheels',8527413694,'Detroit');
INSERT INTO supplier VALUES(134,'Karmarts',8527413694,'Detroit');
```

-- Data added into itemcategory table

```
INSERT INTO itemcategory VALUES (1, 'Dairy');
INSERT INTO itemcategory VALUES (2, 'Electronic');
INSERT INTO itemcategory VALUES (3, 'Clothing');
INSERT INTO itemcategory VALUES (4, 'Groceries');
INSERT INTO itemcategory VALUES (5, 'Medicine');
INSERT INTO itemcategory VALUES (6, 'Pet Care');
INSERT INTO itemcategory VALUES (7, 'Wines and Spirit');
INSERT INTO itemcategory VALUES (8, 'Beverages');
INSERT INTO itemcategory VALUES (9, 'Canned Goods');
INSERT INTO itemcategory VALUES (10, 'Condiments');
INSERT INTO itemcategory VALUES (11, 'Flowers');
INSERT INTO itemcategory VALUES (12, 'Frozen Foods');
INSERT INTO itemcategory VALUES (13, 'Meat and Sea Food');
INSERT INTO itemcategory VALUES (14, 'International Cuisine');
INSERT INTO itemcategory VALUES (15, 'Cleaning Supplies');
INSERT INTO itemcategory VALUES (16, 'Baby');
INSERT INTO itemcategory VALUES (17, 'Health And Beauty');
INSERT INTO itemcategory VALUES (18, 'Miscellaneous');
INSERT INTO itemcategory VALUES (19, 'Snacks');
INSERT INTO itemcategory VALUES (20, 'Paper Products');
INSERT INTO itemcategory VALUES (21, 'Bakery');
```

-- Data added into item table

```
INSERT INTO item VALUES (222, 101, 'laptop', 'item of electronics', 2);
INSERT INTO item VALUES (223, 101, 'mobile', 'item of electronics', 2);
INSERT INTO item VALUES (224, 102, 'milk', 'item of dairy', 1);
INSERT INTO item VALUES (225, 103, 'onions', 'item of groceries', 4);
INSERT INTO item VALUES (226, 104, 'advil', 'item of medicine', 5);
INSERT INTO item VALUES (227, 103, 'sugar', 'item of groceries', 4);
INSERT INTO item VALUES (228, 104, 'coffee', 'item of Beverages', 8);
INSERT INTO item VALUES (229, 105, 'tea', 'item of Beverages', 8);
INSERT INTO item VALUES (230, 105, 'juice', 'item of Beverages', 8);
INSERT INTO item VALUES (231, 105, 'soda', 'item of Beverages', 8);
INSERT INTO item VALUES (232, 106, 'sandwich loaves', 'item of Bakery', 21);
INSERT INTO item VALUES (233, 106, 'dinner rolls', 'item of Bakery', 21);
INSERT INTO item VALUES (234, 106, 'tortillas', 'item of Bakery', 21);
INSERT INTO item VALUES (235, 107, 'cereals', 'item of Bakery', 21);
INSERT INTO item VALUES (236, 107, 'flour', 'item of Bakery', 21);
INSERT INTO item VALUES (237, 108, 'pasta', 'item of Bakery', 21);
INSERT INTO item VALUES (238, 108, 'vegetables', 'item of Canned Goods', 9);
INSERT INTO item VALUES (239, 108, 'spaghetti sauce', 'item of Canned Goods', 9);
INSERT INTO item VALUES (240, 108, 'ketchup', 'item of Canned Goods', 9);
```

```

INSERT INTO item VALUES (241, 109, 'cheeses', 'item of Dairy', 1);
INSERT INTO item VALUES (242, 109, 'eggs', 'item of Dairy', 1);
INSERT INTO item VALUES (243, 110, 'milk', 'item of Dairy', 1);
INSERT INTO item VALUES (244, 111, 'yogurt', 'item of Dairy', 1);
INSERT INTO item VALUES (245, 112, 'butter', 'item of Dairy', 1);
INSERT INTO item VALUES (246, 112, 'waffles', 'item of Frozen Foods', 12);, , ,
INSERT INTO item VALUES (247, 112, 'individual meals', 'item of Frozen Foods', 12);
INSERT INTO item VALUES (248, 113, 'ice cream', 'item of Frozen Foods', 12);
INSERT INTO item VALUES (249, 113, 'lunch meat', 'item of Meat and Sea Food', 13);
INSERT INTO item VALUES (250, 113, 'poultry', 'item of Meat and Sea Food', 13);
INSERT INTO item VALUES (251, 114, 'beef', 'item of Meat and Sea Food', 13);
INSERT INTO item VALUES (252, 114, 'pork', 'item of Meat and Sea Food', 13);
INSERT INTO item VALUES (253, 115, 'laundry detergent', 'item of Cleaning and Supplies', 15);
INSERT INTO item VALUES (254, 115, 'dishwashing liquid', 'item of Cleaning and Supplies', 15);
INSERT INTO item VALUES (255, 115, 'detergent', 'item of Cleaning and Supplies', 15);
INSERT INTO item VALUES (256, 116, 'liquid Bleach', 'item of Cleaning and Supplies', 15);
INSERT INTO item VALUES (257, 117, 'paper towels', 'item of Paper Products', 20);
INSERT INTO item VALUES (258, 118, 'toilet paper', 'item of Paper Products', 20);
INSERT INTO item VALUES (259, 119, 'aluminum foil', 'item of Paper Products', 20);
INSERT INTO item VALUES (260, 120, 'sandwich bags', 'item of Paper Products', 20);
INSERT INTO item VALUES (261, 121, 'shampoo', 'item of Health And Beauty', 17);
INSERT INTO item VALUES (262, 121, 'soap', 'item of Health And Beauty', 17);
INSERT INTO item VALUES (263, 121, 'hand soap', 'item of Health And Beauty', 17);
INSERT INTO item VALUES (264, 121, 'shaving cream', 'item of Health And Beauty', 17);

```

--Data added into adminlist table

```

INSERT INTO adminlist VALUES (1);
INSERT INTO adminlist VALUES (3);
INSERT INTO adminlist VALUES (4);
INSERT INTO adminlist VALUES (6);
INSERT INTO adminlist VALUES (14);
INSERT INTO adminlist VALUES (34);

```

-- Data added into emp table

```

INSERT INTO emp VALUES ('Lionel', 'Lobo', 1, null, 'admin', '123-55-7489');
INSERT INTO emp VALUES ('Rugved', 'Gole', 2, 1, 'clerk', '423-35-7389');
INSERT INTO emp VALUES ('Rohit', 'Tikle', 3, null, 'admin', '523-45-7639');
INSERT INTO emp VALUES ('Ram', 'krishnan', 4, null, 'admin', '623-15-7589');
INSERT INTO emp VALUES ('Nikhil', 'Kadam', 5, 3, 'clerk', '723-05-7889');
INSERT INTO emp VALUES ('Russell','Gray',6,4,'clerk','723-05-7890');
INSERT INTO emp VALUES ('Carlos','Hernandez',7,4,'clerk','723-05-7891');
INSERT INTO emp VALUES ('Patrick','Ramirez',8,4,'clerk','723-05-7892');

```

```

INSERT INTO emp VALUES ('Albert','Harris',9,4,'clerk','723-05-7893');
INSERT INTO emp VALUES ('Roy','Gonzalez',10,4,'clerk','723-05-7894');
INSERT INTO emp VALUES ('Carl','Williams',11,6,'Associate','723-05-7895');
INSERT INTO emp VALUES ('Shawn','James',12,4,'clerk','723-05-7896');
INSERT INTO emp VALUES ('Peter','Murphy',13,4,'clerk','723-05-7897');
INSERT INTO emp VALUES ('David','Bennett',14,3,'clerk','723-05-7898');
INSERT INTO emp VALUES ('Earl','Anderson',15,14,'Associate','723-05-7899');
INSERT INTO emp VALUES ('Fred','Robinson',16,34,'clerk','723-05-7900');
INSERT INTO emp VALUES ('Clarence','Wilson',17,14,'Associate','723-05-7901');
INSERT INTO emp VALUES ('Gregory','Thompson',18,4,'clerk','723-05-7902');
INSERT INTO emp VALUES ('Paul','Alexander',19,4,'clerk','723-05-7903');
INSERT INTO emp VALUES ('Mark','Perry',20,4,'clerk','723-05-7904');
INSERT INTO emp VALUES ('John','Flores',21,3,'Associate','723-05-7905');
INSERT INTO emp VALUES ('Jack','Adams',22,34,'clerk','723-05-7906');
INSERT INTO emp VALUES ('Johnny','Taylor',23,34,'Associate','723-05-7907');
INSERT INTO emp VALUES ('George','Powell',24,1,'clerk','723-05-7908');
INSERT INTO emp VALUES ('Frank','Carter',25,3,'clerk','723-05-7909');
INSERT INTO emp VALUES ('Brandon','Phillips',26,4,'clerk','723-05-7910');
INSERT INTO emp VALUES ('Roger','Bailey',27,4,'clerk','723-05-7911');
INSERT INTO emp VALUES ('Anthony','Kelly',28,4,'clerk','723-05-7912');
INSERT INTO emp VALUES ('Jesse','Watson',29,14,'Associate','723-05-7913');
INSERT INTO emp VALUES ('Larry','Rodriguez',30,4,'clerk','723-05-7914');
INSERT INTO emp VALUES ('Stephen','Lopez',31,14,'Associate','723-05-7915');
INSERT INTO emp VALUES ('Donald','Diaz',32,1,'clerk','723-05-7916');
INSERT INTO emp VALUES ('Eric','Scott',33,34,'clerk','723-05-7917');
INSERT INTO emp VALUES ('Steven','Young',34,null,'manager','723-05-7918');
INSERT INTO emp VALUES ('Keith','Gonzales',35,34,'clerk','723-05-7919');

```

--Data added to inventorystorage table

```

INSERT INTO inventorystorage VALUES (1, 'A1');
INSERT INTO inventorystorage VALUES (2, 'A2');
INSERT INTO inventorystorage VALUES (3, 'A3');
INSERT INTO inventorystorage VALUES (4, 'A4');
INSERT INTO inventorystorage VALUES (5, 'A5');
INSERT INTO inventorystorage VALUES (6, 'B1');
INSERT INTO inventorystorage VALUES (7, 'B2');
INSERT INTO inventorystorage VALUES (8, 'B3');
INSERT INTO inventorystorage VALUES (9, 'B4');
INSERT INTO inventorystorage VALUES (10, 'B5');
INSERT INTO inventorystorage VALUES (11, 'C1');
INSERT INTO inventorystorage VALUES (12, 'C2');
INSERT INTO inventorystorage VALUES (13, 'C3');

```



```
INSERT INTO inventorystorage VALUES (14, 'C4');
INSERT INTO inventorystorage VALUES (15, 'C5');
```

--Data added to inventory table

```
INSERT INTO inventory VALUES (222, 2, 10, 1);
INSERT INTO inventory VALUES (223, 2, 15, 1);
INSERT INTO inventory VALUES (222, 5, 20, 2);
INSERT INTO inventory VALUES (224, 5, 10, 3);
INSERT INTO inventory VALUES (225, 2, 10, 4);
INSERT INTO inventory VALUES (226, 7, 10, 4);
INSERT INTO inventory VALUES (227, 7, 20, 5);
INSERT INTO inventory VALUES (228, 7, 25, 5);
INSERT INTO inventory VALUES (229, 7, 11, 6);
INSERT INTO inventory VALUES (230, 7, 10, 6);
INSERT INTO inventory VALUES (231, 8, 15, 7);
INSERT INTO inventory VALUES (232, 8, 20, 7);
INSERT INTO inventory VALUES (233, 8, 15, 8);
INSERT INTO inventory VALUES (234, 8, 11, 8);
INSERT INTO inventory VALUES (235, 9, 12, 9);
INSERT INTO inventory VALUES (236, 9, 15, 9);
INSERT INTO inventory VALUES (237, 9, 11, 10);
INSERT INTO inventory VALUES (238, 9, 13, 10);
INSERT INTO inventory VALUES (239, 10, 17, 10);
INSERT INTO inventory VALUES (240, 10, 11, 10);
INSERT INTO inventory VALUES (241, 10, 10, 11);
INSERT INTO inventory VALUES (242, 10, 10, 12);
INSERT INTO inventory VALUES (243, 11, 10, 13);
INSERT INTO inventory VALUES (244, 12, 10, 13);
INSERT INTO inventory VALUES (245, 12, 15, 14);
INSERT INTO inventory VALUES (246, 12, 10, 14);
INSERT INTO inventory VALUES (247, 13, 15, 14);
INSERT INTO inventory VALUES (248, 15, 10, 14);
INSERT INTO inventory VALUES (249, 15, 10, 15);
INSERT INTO inventory VALUES (250, 16, 15, 15);
INSERT INTO inventory VALUES (251, 17, 15, 1);
INSERT INTO inventory VALUES (252, 18, 13, 1);
INSERT INTO inventory VALUES (253, 19, 11, 1);
INSERT INTO inventory VALUES (254, 20, 10, 2);
INSERT INTO inventory VALUES (255, 21, 10, 2);
INSERT INTO inventory VALUES (256, 22, 11, 2);
INSERT INTO inventory VALUES (257, 23, 10, 3);
INSERT INTO inventory VALUES (258, 24, 10, 3);
INSERT INTO inventory VALUES (259, 25, 10, 3);
```

```
INSERT INTO inventory VALUES (260, 26, 11, 4);
INSERT INTO inventory VALUES (261, 26, 10, 4);
INSERT INTO inventory VALUES (262, 27, 10, 5);
INSERT INTO inventory VALUES (263, 27, 12, 5);
INSERT INTO inventory VALUES (264, 28, 15, 5);
```

--Data added to addresstype table

```
INSERT INTO addresstype VALUES (10, 'Permanent');
INSERT INTO addresstype VALUES (11, 'Office');
INSERT INTO addresstype VALUES (12, 'Temporary');
INSERT INTO addresstype VALUES (13, 'Shipping');
```

--Data added to address table

```
insert into address values (1,'right',10,'boston', 02120);
insert into address values (2,'left',11,'bost', 02121);
insert into address values (3,'top',12,'bosto', 02122);
insert into address values (4,'bottom',13,'boston', 02120);
insert into address values (5,'center',13,'bost', 02121);
insert into address values (6,'boylston',12,'boston',02215);
insert into address values (7,'stephen',12,'boston',02218);
insert into address values (8,'germain',11,'boston',02218);
insert into address values (9,'st.steph',12,'boston',02120);
insert into address values (10,'germain',12,'boston',02218);
insert into address values (11,'boyd',13,'andover',01810);
insert into address values (12,'acton',11,'arlington',02123);
insert into address values (13,'action',10,'athol',02234);
insert into address values (14,'floyd',10,'auburn',01567);
insert into address values (15,'mass',10,'boston',02218);
insert into address values (16,'germain',11,'bedford',01345);
insert into address values (17,'state',12,'berr',04567);
insert into address values (17,'amherst',13,'cambridge',02125);
insert into address values (18,'queens',10,'canton',02345);
insert into address values (19,'peter',11,'concord',01234);
insert into address values (20,'burry',11,'dalton',04534);
insert into address values (21,'burry',12,'dudley',01571);
insert into address values (22,'dover',12,'douglas',01516);
insert into address values (23,'river',12,'everett',02149);
insert into address values (24,'way',10,'boston',02320);
insert into address values (25,'heath',11,'boston',02230);
insert into address values (26,'fair',12,'fallmouth',02540);
```

```
insert into address values (27,'new',13,'cambridge',02125);
insert into address values (28,'ayer',11,'avon',02322);
insert into address values (29,'westbay',12,'harvard',01451);
insert into address values (30,'burry',10,'dalton',04534);
```

--Data added to orders table

```
insert into orders values (1,789,to_date('17-dec-2018','DD-MON-YYYY'),456);
insert into orders values (3,790,to_date('18-dec-2018','DD-MON-YYYY'),234);
insert into orders values (1,791,to_date('19-dec-2018','DD-MON-YYYY'),775);
insert into orders values (4,792,to_date('20-dec-2018','DD-MON-YYYY'),365);
insert into orders values (1,793,to_date('21-dec-2018','DD-MON-YYYY'),465);
insert into orders values (1,794,to_date('11-jan-2018','DD-MON-YYYY'),473);
insert into orders values (3,795,to_date('15-mar-2018','DD-MON-YYYY'),473);
insert into orders values (1,796,to_date('26-jun-2018','DD-MON-YYYY'),306);
insert into orders values (4,797,to_date('8-jul-2018','DD-MON-YYYY'),101);
insert into orders values (4,798,to_date('17-may-2018','DD-MON-YYYY'),381);
insert into orders values (4,799,to_date('3-aug-2018','DD-MON-YYYY'),276);
insert into orders values (3,800,to_date('8-nov-2018','DD-MON-YYYY'),276);
insert into orders values (1,801,to_date('17-jan-2018','DD-MON-YYYY'),987);
insert into orders values (1,802,to_date('24-apr-2018','DD-MON-YYYY'),382);
insert into orders values (1,803,to_date('10-feb-2017','DD-MON-YYYY'),222);
insert into orders values (3,804,to_date('22-aug-2017','DD-MON-YYYY'),234);
insert into orders values (4,805,to_date('14-nov-2017','DD-MON-YYYY'),435);
insert into orders values (1,806,to_date('10-jan-2017','DD-MON-YYYY'),841);
insert into orders values (3,807,to_date('20-apr-2016','DD-MON-YYYY'),686);
insert into orders values (1,808,to_date('21-feb-2016','DD-MON-YYYY'),828);
insert into orders values (3,809,to_date('22-aug-2016','DD-MON-YYYY'),373);
insert into orders values (3,810,to_date('25-nov-2016','DD-MON-YYYY'),436);
insert into orders values (3,811,to_date('10-jan-2016','DD-MON-YYYY'),473);
insert into orders values (3,812,to_date('6-apr-2016','DD-MON-YYYY'),507);
insert into orders values (4,813,to_date('26-feb-2015','DD-MON-YYYY'),412);
insert into orders values (1,814,to_date('14-jan-2015','DD-MON-YYYY'),606);
insert into orders values (1,815,to_date('9-mar-2015','DD-MON-YYYY'),741);
insert into orders values (1,816,to_date('18-jun-2015','DD-MON-YYYY'),364);
insert into orders values (3,817,to_date('27-jul-2015','DD-MON-YYYY'),260);
insert into orders values (1,818,to_date('17-may-2019','DD-MON-YYYY'),650);
insert into orders values (3,819,to_date('27-aug-2019','DD-MON-YYYY'),240);
insert into orders values (1,820,to_date('18-sep-2019','DD-MON-YYYY'),591);
insert into orders values (1,821,to_date('5-oct-2019','DD-MON-YYYY'),689);
insert into orders values (3,822,to_date('3-nov-2019','DD-MON-YYYY'),182);
insert into orders values (4,823,to_date('15-dec-2019','DD-MON-YYYY'),654);
```

-- Data added to shipment table

```
insert into shipment values (001,789,to_date('18-dec-2018','DD-MON-YYYY'));
insert into shipment values (002,790,to_date('20-dec-2018','DD-MON-YYYY'));
insert into shipment values (003,791,to_date('20-dec-2018','DD-MON-YYYY'));
insert into shipment values (004,792,to_date('23-dec-2018','DD-MON-YYYY'));
insert into shipment values (005,793,to_date('25-dec-2018','DD-MON-YYYY'));
insert into shipment values (006,794,to_date('15-jan-2018','DD-MON-YYYY'));
insert into shipment values (007,795,to_date('17-mar-2018','DD-MON-YYYY'));
insert into shipment values (008,796,to_date('27-jun-2018','DD-MON-YYYY'));
insert into shipment values (009,797,to_date('13-jul-2018','DD-MON-YYYY'));
insert into shipment values (010,798,to_date('19-may-2018','DD-MON-YYYY'));
insert into shipment values (011,799,to_date('5-aug-2018','DD-MON-YYYY'));
insert into shipment values (012,800,to_date('9-nov-2018','DD-MON-YYYY'));
insert into shipment values (013,801,to_date('18-jan-2018','DD-MON-YYYY'));
insert into shipment values (014,802,to_date('27-apr-2018','DD-MON-YYYY'));
insert into shipment values (015,803,to_date('13-feb-2017','DD-MON-YYYY'));
insert into shipment values (016,804,to_date('23-aug-2017','DD-MON-YYYY'));
insert into shipment values (017,805,to_date('15-nov-2017','DD-MON-YYYY'));
insert into shipment values (018,806,to_date('11-jan-2017','DD-MON-YYYY'));
insert into shipment values (019,807,to_date('21-apr-2016','DD-MON-YYYY'));
insert into shipment values (020,808,to_date('22-feb-2016','DD-MON-YYYY'));
insert into shipment values (021,809,to_date('23-aug-2016','DD-MON-YYYY'));
insert into shipment values (022,810,to_date('27-nov-2016','DD-MON-YYYY'));
insert into shipment values (023,811,to_date('11-jan-2016','DD-MON-YYYY'));
```

insert into shipment values (024,812,to_date('10-apr-2016','DD-MON-YYYY'));
insert into shipment values (025,813,to_date('27-feb-2015','DD-MON-YYYY'));
insert into shipment values (026,814,to_date('15-jan-2015','DD-MON-YYYY'));
insert into shipment values (027,815,to_date('10-mar-2015','DD-MON-YYYY'));
insert into shipment values (028,816,to_date('19-jun-2015','DD-MON-YYYY'));
insert into shipment values (029,817,to_date('28-jul-2015','DD-MON-YYYY'));
insert into shipment values (030,818,to_date('19-may-2019','DD-MON-YYYY'));
insert into shipment values (031,819,to_date('29-aug-2019','DD-MON-YYYY'));
insert into shipment values (032,820,to_date('20-sep-2019','DD-MON-YYYY'));
insert into shipment values (033,821,to_date('6-oct-2019','DD-MON-YYYY'));
insert into shipment values (034,822,to_date('5-nov-2019','DD-MON-YYYY'));
insert into shipment values (035,823,to_date('19-dec-2019','DD-MON-YYYY'));

-- Data added to orderline table

insert into orderline values (222,789,1);
insert into orderline values (223,790,1);
insert into orderline values (224,791,1);
insert into orderline values (225,792,1);
insert into orderline values (226,793,1);
insert into orderline values (224,794,50);
insert into orderline values (242,795,200);
insert into orderline values (262,796,77);
insert into orderline values (253,797,60);
insert into orderline values (257,798,25);

insert into orderline values (242,799,150);
insert into orderline values (259,800,100);
insert into orderline values (258,801,33);
insert into orderline values (246,802,50);
insert into orderline values (224,803,20);
insert into orderline values (251,804,20);
insert into orderline values (231,805,35);
insert into orderline values (262,806,23);
insert into orderline values (238,807,100);
insert into orderline values (252,808,30);
insert into orderline values (245,809,30);
insert into orderline values (257,810,60);
insert into orderline values (250,811,30);
insert into orderline values (248,812,50);
insert into orderline values (259,813,100);
insert into orderline values (258,814,67);
insert into orderline values (230,815,100);
insert into orderline values (240,816,50);
insert into orderline values (253,817,30);
insert into orderline values (238,818,100);
insert into orderline values (245,819,45);
insert into orderline values (236,820,30);
insert into orderline values (228,822,100);
insert into orderline values (253,823,10);
insert into orderline values (224,789,1);
insert into orderline values (227,790,1);

insert into orderline values (223,791,1);
insert into orderline values (224,792,1);
insert into orderline values (227,793,1);
insert into orderline values (226,794,50);
insert into orderline values (245,795,200);
insert into orderline values (255,797,60);
insert into orderline values (258,798,25);
insert into orderline values (243,799,150);
insert into orderline values (260,800,100);

-- Data added to shipmentdetails table

insert into shipmentdetails values (333,001,456);
insert into shipmentdetails values (334,002,234);
insert into shipmentdetails values (335,003,775);
insert into shipmentdetails values (336,004,365);
insert into shipmentdetails values (337,005,465);
insert into shipmentdetails values (333,001,456);
insert into shipmentdetails values (334,002,234);
insert into shipmentdetails values (335,003,775);
insert into shipmentdetails values (336,004,365);
insert into shipmentdetails values (337,005,565);
insert into shipmentdetails values (337,006,765);
insert into shipmentdetails values (338,006,865);
insert into shipmentdetails values (338,007,165);
insert into shipmentdetails values (338,008,965);
insert into shipmentdetails values (339,009,565);
insert into shipmentdetails values (340,010,475);
insert into shipmentdetails values (341,011,425);
insert into shipmentdetails values (342,012,445);
insert into shipmentdetails values (343,013,485);
insert into shipmentdetails values (343,014,415);
insert into shipmentdetails values (344,015,485);
insert into shipmentdetails values (345,016,455);
insert into shipmentdetails values (346,017,415);
insert into shipmentdetails values (346,018,460);
insert into shipmentdetails values (347,019,464);

```

insert into shipmentdetails values (347,020,469);
insert into shipmentdetails values (348,021,465);
insert into shipmentdetails values (349,022,265);
insert into shipmentdetails values (349,023,565);
insert into shipmentdetails values (350,024,465);
insert into shipmentdetails values (350,025,865);
insert into shipmentdetails values (351,026,065);
insert into shipmentdetails values (352,027,565);
insert into shipmentdetails values (353,027,265);
insert into shipmentdetails values (354,028,665);
insert into shipmentdetails values (355,029,475);
insert into shipmentdetails values (356,030,494);
insert into shipmentdetails values (357,031,466);
insert into shipmentdetails values (358,032,469);
insert into shipmentdetails values (359,033,463);

```

Reports SQL

JOINS:

--1)Find Firstname Lastname adminid of employees who are admins

```
select firstname,lastname,adminid from emp join adminlist on emp.EMPID = adminlist.ADMINID;
```

	FIRSTNAME	LASTNAME	ADMINID
1	Lionel	Lobo	1
2	Rohit	Tikle	3
3	Ram	krishnan	4
4	Russell	Gray	6
5	David	Bennett	14
6	Steven	Young	34

--2) Display all employee details and also show their adminid if exists

select * from emp left outer join adminlist on emp.EMPID = adminlist.ADMINID;

	FIRSTNAME	LASTNAME	EMPID	MGRID	EMPROLES	SSN	ADMINID
1	Lionel	Lobo	1	(null)	admin	123-55-7489	1
2	Rugved	Gole	2	1	clerk	423-35-7389	(null)
3	Rohit	Tikle	3	(null)	admin	523-45-7639	3
4	Ram	krishnan	4	(null)	admin	623-15-7589	4
5	Nikhil	Kadam	5	3	clerk	723-05-7889	(null)
6	Russell	Gray	6	4	clerk	723-05-7890	6
7	Carlos	Hernandez	7	4	clerk	723-05-7891	(null)
8	Patrick	Ramirez	8	4	clerk	723-05-7892	(null)
9	Albert	Harris	9	4	clerk	723-05-7893	(null)
10	Roy	Gonzalez	10	4	clerk	723-05-7894	(null)
11	Shawn	James	12	4	clerk	723-05-7896	(null)
12	Peter	Murphy	13	4	clerk	723-05-7897	(null)
13	David	Bennett	14	3	clerk	723-05-7898	14
14	Gregory	Thompson	18	4	clerk	723-05-7902	(null)
15	Paul	Alexander	19	4	clerk	723-05-7903	(null)
16	Mark	Perry	20	4	clerk	723-05-7904	(null)
17	George	Powell	24	1	clerk	723-05-7908	(null)
18	Frank	Carter	25	3	clerk	723-05-7909	(null)
19	Brandon	Phillips	26	4	clerk	723-05-7910	(null)
20	Roger	Bailey	27	4	clerk	723-05-7911	(null)
21	Anthony	Kelly	28	4	clerk	723-05-7912	(null)
22	Larry	Rodriguez	30	4	clerk	723-05-7914	(null)
23	Donald	Diaz	32	1	clerk	723-05-7916	(null)
24	Steven	Young	34	(null)	manager	723-05-7918	34
25	Carl	Williams	11	6	Associate	723-05-7895	(null)
26	Earl	Anderson	15	14	Associate	723-05-7899	(null)
27	Fred	Robinson	16	34	clerk	723-05-7900	(null)
28	Clarence	Wilson	17	14	Associate	723-05-7901	(null)
29	John	Flores	21	3	Associate	723-05-7905	(null)
30	Jack	Adams	22	34	clerk	723-05-7906	(null)
31	Johnny	Taylor	23	34	Associate	723-05-7907	(null)
32	Jesse	Watson	29	14	Associate	723-05-7913	(null)
33	Stephen	Lopez	31	14	Associate	723-05-7915	(null)
34	Eric	Scott	33	34	clerk	723-05-7917	(null)
35	Keith	Gonzales	35	34	clerk	723-05-7919	(null)

--3)select item and their suppliers

select itemname, suppliername from item join supplier on supplier.SUPPLIERID =
item.SUPPLIERID;

	ITEMNAME	SUPPLIERNAME
1	laptop	StoreSupp
2	mobile	StoreSupp
3	milk	Whole Supp
4	onions	Groceries
5	sugar	Groceries
6	advil	Suppliers
7	coffee	Suppliers
8	tea	Mercury Microsystems
9	juice	Mercury Microsystems
10	soda	Mercury Microsystems
11	vegetables	Nightelligence
12	spaghetti sauce	Nightelligence
13	ketchup	Nightelligence
14	cheeses	Elitelligence
15	eggs	Elitelligence
16	milk	Deserprises
17	yogurt	Primedia
18	butter	Firehead
19	waffles	Firehead
20	individual meals	Firehead

21	ice cream	Motionwalk
22	lunch meat	Motionwalk
23	poultry	Motionwalk
24	beef	Roseworks
25	pork	Roseworks
26	laundry detergent	Alp Productions
27	dishwashing liquid	Alp Productions
28	detergent	Alp Productions
29	liquid Bleach	Phoenix Networks
30	paper towels	Essensecurity
31	toilet paper	Bluetronics
32	aluminum foil	Whirlpoolutions
33	sandwich bags	Brisco
34	shampoo	Mermaidbeat
35	soap	Mermaidbeat
36	hand soap	Mermaidbeat
37	shaving cream	Mermaidbeat

--4)select items and their item category

select itemname,categoryname from ITEM join itemcategory on itemcategory.CATEGORYID = ITEM.CATEGORYID;

	ITEMNAME	CATEGORYNAME
1	milk	Dairy
2	cheeses	Dairy
3	eggs	Dairy
4	milk	Dairy
5	yogurt	Dairy
6	butter	Dairy
7	laptop	Electronic
8	mobile	Electronic
9	onions	Groceries
10	sugar	Groceries
11	advil	Medicine
12	coffee	Beverages
13	tea	Beverages
14	juice	Beverages
15	soda	Beverages
16	waffles	Frozen Foods
17	individual meals	Frozen Foods
18	ice cream	Frozen Foods
19	lunch meat	Meat and Sea Food
20	poultry	Meat and Sea Food

21	beef	Meat and Sea Food
22	pork	Meat and Sea Food
23	laundry detergent	Cleaning Supplies
24	dishwashing liquid	Cleaning Supplies
25	detergent	Cleaning Supplies
26	liquid Bleach	Cleaning Supplies
27	shampoo	Health And Beauty
28	soap	Health And Beauty
29	hand soap	Health And Beauty
30	shaving cream	Health And Beauty
31	paper towels	Paper Products
32	toilet paper	Paper Products
33	aluminum foil	Paper Products
34	sandwich bags	Paper Products
35	vegetables	Canned Goods
36	spaghetti sauce	Canned Goods
37	ketchup	Canned Goods

--5) Show all item details and all categories

select * from ITEM full outer join itemcategory on itemcategory.CATEGORYID =
ITEM.CATEGORYID;

	ITEMID	SUPPLIERID	ITEMNAME	ITEMDESCRIPTION	CATEGORYID	CATEGORYID_1	CATEGORYNAME
1	224	102	milk	item of dairy	1	1	Dairy
2	241	109	cheeses	item of Dairy	1	1	Dairy
3	242	109	eggs	item of Dairy	1	1	Dairy
4	243	110	milk	item of Dairy	1	1	Dairy
5	244	111	yogurt	item of Dairy	1	1	Dairy
6	245	112	butter	item of Dairy	1	1	Dairy
7	222	101	laptop	item of electronics	2	2	Electronic
8	223	101	mobile	item of electronics	2	2	Electronic
9	(null)	(null)	(null)	(null)	(null)	3	Clothing
10	225	103	onions	item of groceries	4	4	Groceries
11	227	103	sugar	item of groceries	4	4	Groceries
12	226	104	advil	item of medicine	5	5	Medicine
13	(null)	(null)	(null)	(null)	(null)	6	Pet Care
14	(null)	(null)	(null)	(null)	(null)	7	Wines and Spirit
15	228	104	coffee	item of Beverages	8	8	Beverages
16	229	105	tea	item of Beverages	8	8	Beverages
17	230	105	juice	item of Beverages	8	8	Beverages
18	231	105	soda	item of Beverages	8	8	Beverages
19	(null)	(null)	(null)	(null)	(null)	10	Condiments
20	(null)	(null)	(null)	(null)	(null)	11	Flowers
21	246	112	waffles	item of Frozen Foods	12	12	Frozen Foods
22	247	112	individual meals	item of Frozen Foods	12	12	Frozen Foods
23	248	113	ice cream	item of Frozen Foods	12	12	Frozen Foods
24	249	113	lunch meat	item of Meat and Sea Food	13	13	Meat and Sea Food
25	250	113	poultry	item of Meat and Sea Food	13	13	Meat and Sea Food
26	251	114	beef	item of Meat and Sea Food	13	13	Meat and Sea Food
27	252	114	pork	item of Meat and Sea Food	13	13	Meat and Sea Food
28	(null)	(null)	(null)	(null)	(null)	14	International Cuisine
29	253	115	laundry detergent	item of Cleaning and Supplies	15	15	Cleaning Supplies
30	254	115	dishwashing liquid	item of Cleaning and Supplies	15	15	Cleaning Supplies
31	255	115	detergent	item of Cleaning and Supplies	15	15	Cleaning Supplies
32	256	116	liquid Bleach	item of Cleaning and Supplies	15	15	Cleaning Supplies
33	(null)	(null)	(null)	(null)	(null)	16	Baby
34	261	121	shampoo	item of Health And Beauty	17	17	Health And Beauty
35	262	121	soap	item of Health And Beauty	17	17	Health And Beauty
36	263	121	hand soap	item of Health And Beauty	17	17	Health And Beauty
37	264	121	shaving cream	item of Health And Beauty	17	17	Health And Beauty
38	(null)	(null)	(null)	(null)	(null)	18	Miscellaneous
39	(null)	(null)	(null)	(null)	(null)	19	Snacks
40	257	117	paper towels	item of Paper Products	20	20	Paper Products
41	258	118	toilet paper	item of Paper Products	20	20	Paper Products
42	259	119	aluminum foil	item of Paper Products	20	20	Paper Products
43	260	120	sandwich bags	item of Paper Products	20	20	Paper Products
44	238	108	vegetables	item of Canned Goods	9	9	Canned Goods
45	239	108	spaghetti sauce	item of Canned Goods	9	9	Canned Goods
46	240	108	ketchup	item of Canned Goods	9	9	Canned Goods

--6) Select all itemname suppliernames and their supplied items

select itemname, suppliername from item full outer join supplier on supplier.SUPPLIERID = item.SUPPLIERID;

	ITEMNAME	SUPPLIERNAME
1	(null)	OrderPros
2	laptop	StoreSupp
3	mobile	StoreSupp
4	milk	Whole Supp
5	onions	Groceries
6	sugar	Groceries
7	advil	Suppliers
8	coffee	Suppliers
9	tea	Mercury Microsystems
10	juice	Mercury Microsystems
11	soda	Mercury Microsystems
12	(null)	Dwarf Coms
13	(null)	Hog
14	vegetables	Nightelligence
15	spaghetti sauce	Nightelligence
16	ketchup	Nightelligence
17	cheeses	Elitelligence
18	eggs	Elitelligence
19	milk	Deserprises
20	yogurt	Primedia
21	butter	Firehead
22	waffles	Firehead
23	individual meals	Firehead
24	ice cream	Motionwalk
25	lunch meat	Motionwalk
26	poultry	Motionwalk
27	beef	Roseworks
28	pork	Roseworks
29	laundry detergent	Alp Productions
30	dishwashing liquid	Alp Productions
31	detergent	Alp Productions
32	liquid Bleach	Phoenix Networks
33	paper towels	Essensecurity
34	toilet paper	Bluetronics
35	aluminum foil	Whirlpoolutions
36	sandwich bags	Brisco
37	shampoo	Mermaidbeat
38	soap	Mermaidbeat
39	hand soap	Mermaidbeat
40	shaving cream	Mermaidbeat
41	(null)	Griffinbit
42	(null)	Rootwheels
43	(null)	Maze Coms
44	(null)	Hercules Softwares
45	(null)	Wavigations
46	(null)	Bansheelectronis
47	(null)	Marblightning
48	(null)	Moondustries
49	(null)	Leopardlife
50	(null)	Boarshine
51	(null)	Owlwheels
52	(null)	Karmarts

--7)show the admin address from employees

select firstname,Lastname,emp.EMPID,street,address.PINCODE from emp join address on emp.EMPID=address.EMPID where emp.EMPID in (select adminid from ADMINLIST);

	FIRSTNAME	LASTNAME	EMPID	STREET	PINCODE
1	Lionel	Lobo	1	right	2120
2	Rohit	Tikle	3	top	2122
3	Ram	krishnan	4	bottom	2120
4	Russell	Gray	6	boylston	2215
5	David	Bennett	14	floyd	1567

--8)select all types of address an employee can have

select firstname,lastname,typeofaddress,street from emp,address,address.type where emp.EMPID = address.EMPID and address.ADDRESSTYPEID=address.type.ADDRESSTYPEID;

	FIRSTNAME	LASTNAME	TYPEOFADDRESS	STREET
1	Lionel	Lobo	Permanent	right
2	Rugved	Gole	Office	left
3	Rohit	Tikle	Temporary	top
4	Ram	krishnan	Shipping	bottom
5	Nikhil	Kadam	Shipping	center
6	Russell	Gray	Temporary	boylston
7	Carlos	Hernandez	Temporary	stephen
8	Patrick	Ramirez	Office	germain
9	Albert	Harris	Temporary	st.steph
10	Roy	Gonzalez	Temporary	germain
11	Shawn	James	Office	acton
12	Peter	Murphy	Permanent	action
13	David	Bennett	Permanent	floyd
14	Gregory	Thompson	Permanent	queens
15	Paul	Alexander	Office	peter
16	Mark	Perry	Office	burry
17	George	Powell	Permanent	way
18	Frank	Carter	Office	heath
19	Brandon	Phillips	Temporary	fair
20	Roger	Bailey	Shipping	new
21	Anthony	Kelly	Office	ayer
22	Larry	Rodriguez	Permanent	burry
23	Larry	Rodriguez	Office	queens
24	Carl	Williams	Shipping	boyd
25	Earl	Anderson	Permanent	mass
26	Fred	Robinson	Office	germain
27	Clarence	Wilson	Temporary	state
28	Clarence	Wilson	Shipping	amherst
29	John	Flores	Temporary	burry
30	Jack	Adams	Temporary	dover
31	Johnny	Taylor	Temporary	river
32	Jesse	Watson	Temporary	westbay

--9)select employee details and show all their addresses

select * from emp right outer join address on emp.empid = address.EMPID;

	FIRSTNAME	LASTNAME	EMPID	MGRID	EMPROLES	SSN	EMPID_1	STREET	ADDRESSTYPEID	CITY	PINCODE
1	Lionel	Lobo	1	(null)	admin	123-55-7489	1	right		10 boston	2120
2	Rugved	Gole	2	1	clerk	423-35-7389	2	left		11 bost	2121
3	Rohit	Tikle	3	(null)	admin	523-45-7639	3	top		12 bosto	2122
4	Ram	krishnan	4	(null)	admin	623-15-7589	4	bottom		13 boston	2120
5	Nikhil	Kadam	5	3	clerk	723-05-7889	5	center		13 bost	2121
6	Russell	Gray	6	4	clerk	723-05-7890	6	boylston		12 boston	2215
7	Carlos	Hernandez	7	4	clerk	723-05-7891	7	stephen		12 boston	2218
8	Patrick	Ramirez	8	4	clerk	723-05-7892	8	germain		11 boston	2218
9	Albert	Harris	9	4	clerk	723-05-7893	9	st.steph		12 boston	2120
10	Roy	Gonzalez	10	4	clerk	723-05-7894	10	germain		12 boston	2218
11	Shawn	James	12	4	clerk	723-05-7896	12	acton		11 arlington	2123
12	Peter	Murphy	13	4	clerk	723-05-7897	13	action		10 athol	2234
13	David	Bennett	14	3	clerk	723-05-7898	14	floyd		10 auburn	1567
14	Gregory	Thompson	18	4	clerk	723-05-7902	18	queens		10 canton	2345
15	Paul	Alexander	19	4	clerk	723-05-7903	19	peter		11 concord	1234
16	Mark	Perry	20	4	clerk	723-05-7904	20	burry		11 dalton	4534
17	George	Powell	24	1	clerk	723-05-7908	24	way		10 boston	2320
18	Frank	Carter	25	3	clerk	723-05-7909	25	heath		11 boston	2230
19	Brandon	Phillips	26	4	clerk	723-05-7910	26	fair		12 fallmouth	2540
20	Roger	Bailey	27	4	clerk	723-05-7911	27	new		13 cambridge	2125
21	Anthony	Kelly	28	4	clerk	723-05-7912	28	ayer		11 avon	2322
22	Larry	Rodriguez	30	4	clerk	723-05-7914	30	burry		10 dalton	4534
23	Larry	Rodriguez	30	4	clerk	723-05-7914	30	queens		11 cambridge	2125
24	Carl	Williams	11	6	Associate	723-05-7895	11	boyd		13 andover	1810
25	Earl	Anderson	15	14	Associate	723-05-7899	15	mass		10 boston	2218
26	Fred	Robinson	16	34	clerk	723-05-7900	16	germain		11 bedford	1345
27	Clarence	Wilson	17	14	Associate	723-05-7901	17	state		12 berr	4567
28	Clarence	Wilson	17	14	Associate	723-05-7901	17	amherst		13 cambridge	2125
29	John	Flores	21	3	Associate	723-05-7905	21	burry		12 dudley	1571
30	Jack	Adams	22	34	clerk	723-05-7906	22	dover		12 douglas	1516
31	Johnny	Taylor	23	34	Associate	723-05-7907	23	river		12 everett	2149
32	Jesse	Watson	29	14	Associate	723-05-7913	29	westbay		12 harvard	1451

--10)show admin name and order date where no of orders is greater than 10

select adminlist.ADMINID,firstname, Lastname,orders.ORDERID from emp,adminlist,orders
where emp.EMPID = adminlist.ADMINID and adminlist.ADMINID = orders.ADMINID;

	ADMINID	FIRSTNAME	LASTNAME	ORDERID
1	1	Lionel	Lobo	789
2	3	Rohit	Tikle	790
3	1	Lionel	Lobo	791
4	4	Ram	krishnan	792
5	1	Lionel	Lobo	793
6	1	Lionel	Lobo	794
7	3	Rohit	Tikle	795
8	1	Lionel	Lobo	796
9	4	Ram	krishnan	797
10	4	Ram	krishnan	798
11	4	Ram	krishnan	799
12	3	Rohit	Tikle	800
13	1	Lionel	Lobo	801
14	1	Lionel	Lobo	802
15	1	Lionel	Lobo	803
16	3	Rohit	Tikle	804
17	4	Ram	krishnan	805
18	1	Lionel	Lobo	806
19	3	Rohit	Tikle	807
20	1	Lionel	Lobo	808

21	3	Rohit	Tikle	809
22	3	Rohit	Tikle	810
23	3	Rohit	Tikle	811
24	3	Rohit	Tikle	812
25	4	Ram	krishnan	813
26	1	Lionel	Lobo	814
27	1	Lionel	Lobo	815
28	1	Lionel	Lobo	816
29	3	Rohit	Tikle	817
30	1	Lionel	Lobo	818
31	3	Rohit	Tikle	819
32	1	Lionel	Lobo	820
33	1	Lionel	Lobo	821
34	3	Rohit	Tikle	822
35	4	Ram	krishnan	823

--11)Arrange admins based on their total number of ordres placed also display their firstname and lastname

select orders.adminid,(select emp.firstname from emp where emp.empid = orders.adminid),
count(*) from orders group by orders.ADMINID;

	ADMINID	(SELECT EMP.FIRSTNAME FROM EMP WHERE EMP.EMPID=ORDERS.ADMINID)	COUNT(*)
1	1	Lionel	16
2	4	Ram	7
3	3	Rohit	12

--12)show all orders shipped After 2 days

select orders.ORDERID,orders.ORDERDATE, shipment.SHIPMENTDATE from orders join
shipment on shipment.ORDERID = orders.ORDERID where shipment.SHIPMENTDATE-
orders.ORDERDATE >2;

	ORDERID	ORDERDATE	SHIPMENTDATE
1	792	20-DEC-18	23-DEC-18
2	793	21-DEC-18	25-DEC-18
3	794	11-JAN-18	15-JAN-18
4	797	08-JUL-18	13-JUL-18
5	802	24-APR-18	27-APR-18
6	803	10-FEB-17	13-FEB-17
7	812	06-APR-16	10-APR-16
8	823	15-DEC-19	19-DEC-19

--13)show itemname,orderid and the adminid for items in orderline

select item.itemname,orderline.orderid,orders.adminid from orderline,item,ORDERS where
orderline.ORDERID = ORDERS.ORDERID and orderline.ITEMID = item.ITEMID;

	ITEMNAME	ORDERID	ADMINID
1	laptop	789	1
2	mobile	790	3
3	mobile	791	1
4	milk	789	1
5	milk	791	1
6	milk	792	4
7	milk	794	1
8	milk	803	1
9	onions	792	4
10	advil	793	1
11	advil	794	1
12	sugar	790	3
13	sugar	793	1
14	coffee	822	3
15	juice	815	1
16	soda	805	4
17	vegetables	807	3
18	vegetables	818	1
19	ketchup	816	1
20	eggs	795	3

21	eggs	799	4
22	milk	799	4
23	butter	795	3
24	butter	809	3
25	butter	819	3
26	waffles	802	1
27	ice cream	812	3
28	poultry	811	3
29	beef	804	3
30	pork	808	1
31	laundry detergent	797	4
32	laundry detergent	817	3
33	laundry detergent	823	4
34	detergent	797	4
35	paper towels	798	4
36	paper towels	810	3
37	toilet paper	798	4
38	toilet paper	801	1
39	toilet paper	814	1

40	aluminum foil	800	3
41	aluminum foil	813	4
42	sandwich bags	800	3
43	soap	796	1
44	soap	806	1

--14)Number of items available and there inventory locations

select a.itemname,b.quantity,c.inventorylocation from item a join inventory b on a.itemid=b.itemid
join inventorystorage c on b.storageno=c.storageno;

	ITEMNAME	QUANTITY	INVENTORYLOCATION
1	laptop	10	A1
2	mobile	15	A1
3	beef	15	A1
4	pork	13	A1
5	laundry detergent	11	A1
6	laptop	20	A2
7	dishwashing liquid	10	A2
8	detergent	10	A2
9	liquid Bleach	11	A2
10	paper towels	10	A3
11	toilet paper	10	A3
12	aluminum foil	10	A3
13	onions	10	A4
14	advil	10	A4
15	sandwich bags	11	A4
16	shampoo	10	A4
17	sugar	20	A5
18	coffee	25	A5
19	soap	10	A5
20	hand soan	12	A5

21	shaving cream	15	A5
22	tea	11	B1
23	juice	10	B1
24	soda	15	B2
25	vegetables	13	B5
26	spaghetti sauce	17	B5
27	ketchup	11	B5
28	cheeses	10	C1
29	eggs	10	C2
30	milk	10	C3
31	yogurt	10	C3
32	butter	15	C4
33	waffles	10	C4
34	individual meals	15	C4
35	ice cream	10	C4
36	lunch meat	10	C5
37	poultry	15	C5

--15)Find the orders and their order placed dates and shipment information , order amounts paid

select o.orderid,orderdate,shipmentdate,shipmentdetailsid,paymentamount from orders o join shipment p on o.orderid=p.orderid

left outer join shipmentdetails t on p.shipmentno=t.shipmentno;

	ORDERID	ORDERDATE	SHIPMENTDATE	SHIPMENTDETAILSID	PAYMENTAMOUNT
1	789	17-DEC-18	18-DEC-18	333	456
2	790	18-DEC-18	20-DEC-18	334	234
3	791	19-DEC-18	20-DEC-18	335	775
4	792	20-DEC-18	23-DEC-18	336	365
5	793	21-DEC-18	25-DEC-18	337	465
6	794	11-JAN-18	15-JAN-18	337	765
7	794	11-JAN-18	15-JAN-18	338	865
8	795	15-MAR-18	17-MAR-18	338	165
9	796	26-JUN-18	27-JUN-18	338	965
10	797	08-JUL-18	13-JUL-18	339	565
11	798	17-MAY-18	19-MAY-18	340	475
12	799	03-AUG-18	05-AUG-18	341	425
13	800	08-NOV-18	09-NOV-18	342	445
14	801	17-JAN-18	18-JAN-18	343	485
15	802	24-APR-18	27-APR-18	343	415
16	803	10-FEB-17	13-FEB-17	344	485
17	804	22-AUG-17	23-AUG-17	345	455
18	805	14-NOV-17	15-NOV-17	346	415
19	806	10-JAN-17	11-JAN-17	346	460
20	807	20-APR-16	21-APR-16	347	464
21	808	21-FEB-16	22-FEB-16	347	469
22	809	22-AUG-16	23-AUG-16	348	465
23	810	25-NOV-16	27-NOV-16	349	265
24	811	10-JAN-16	11-JAN-16	349	565
25	812	06-APR-16	10-APR-16	350	465
26	813	26-FEB-15	27-FEB-15	350	865
27	814	14-JAN-15	15-JAN-15	351	65
28	815	09-MAR-15	10-MAR-15	352	565
29	815	09-MAR-15	10-MAR-15	353	265
30	816	18-JUN-15	19-JUN-15	354	665
31	817	27-JUL-15	28-JUL-15	355	475
32	818	17-MAY-19	19-MAY-19	356	494
33	819	27-AUG-19	29-AUG-19	357	466
34	820	18-SEP-19	20-SEP-19	358	469
35	821	05-OCT-19	06-OCT-19	359	463
36	822	03-NOV-19	05-NOV-19	(null)	(null)
37	823	15-DEC-19	19-DEC-19	(null)	(null)

--16)All suppliers for Inventory

select Distinct suppliername from supplier;

--17)All inventory categories

select categoryname from ITEMCATEGORY;

--18)select item and their suppliers

select itemname, suppliername from item join supplier on supplier.SUPPLIERID = item.SUPPLIERID;

--19)select items and their item category

select itemname,categoryname from ITEM join itemcategory on itemcategory.CATEGORYID = ITEM.CATEGORYID;

--20)Admin Names from Employee table

select firstname,lastname from emp e where empid in (select adminid from adminlist);

-- Drop tables

drop table supplier;
drop table item;
drop table emp;
drop table inventorystorage;
drop table itemcategory;
drop table inventory;
drop table shipment;
drop table address;
drop table addresstype;
drop table adminlist;
drop table orders;
drop table orderline;
drop table shipmentdetails;

--select queries from Tables

select * from supplier;
select * from itemcategory;
select * from item;
select * from adminlist;
select * from emp;
select * from inventorystorage;
select * from inventory;
select * from addresstype;
select * from address;
select * from orders;

```
select * from shipment;  
select * from orderline;  
select * from shipmentdetails;
```