

## DB QUERIES

```
create database eShoppingApp1;  
use eShoppingApp1;  
create table Categories(CategoryRowId int auto_increment  
primary key, CategoryId varchar(20) unique,  
CategoryName varchar(200) not null);
```

```
insert into Categories values(1, 'cat-001','Electrical');  
insert into Categories values(2, 'cat-002','Electronics');  
insert into Categories values(3, 'cat-003','Food');  
insert into Categories values(4, 'cat-004','Furniture');  
select * from Categories;
```

```
create table SubCategories(SubCategoryRowId int auto_increment  
primary key, SubCategory varchar(20) unique not null,  
SubCategoryName varchar(200) not null, CategoryRowId int  
not null, constraint fk_CategoryRowId_in_SubCategory_table  
foreign key(CategoryRowId) references Categories(CategoryRowId)  
);
```

```
insert into SubCategories values(1, 'sub-cat-001','TV',1);  
insert into SubCategories values(2, 'sub-cat-002','Mobile',2);  
insert into SubCategories values(5, 'sub-cat-005','Laptop',2);  
insert into SubCategories values(3, 'sub-cat-003','Cadbury',3);  
insert into SubCategories values(4, 'sub-cat-004','Chair',4);  
insert into SubCategories values(6, 'sub-cat-006','Table',4);  
select * from SubCategories;
```

```
create table Customer(CustomerRowId int auto_increment primary  
key,CustomerId varchar(20) unique , CustomerName varchar(30) not  
null,CustomerMobile int(12) not null,
```

```

Email varchar(50) not null, Address varchar(200) not null, City
varchar(50) not null,
State varchar(200) not null, Country varchar(50) not null,
CustomerPassword varchar(20) not null
);
insert                                into                                Customer
values(1,'cust-001','Bhakti',9960788535,'bhakti@gmail.com','Paithan','
Paithan','Maharashtra',
'India','Bhakti@123');
insert                                into                                Customer
values(2,'cust-002','Mahesh',9960788532,'mahesh@gmail.com','Pune'
,'Pune','Maharashtra',
'India','Mahesh@123');
insert                                into                                Customer
values(3,'cust-003','abc',9960788531,'abc@gmail.com','Pune','Pune','
Maharashtra',
'India','abc@123');

```

```

select * from Customer;

```

```

create table Manufacturer(ManufacturerRowId int auto_increment
primary key,ManufacturerId varchar(20) unique ,
ManufacturerName varchar(50) not null, Description varchar(200) not
null,Address varchar(200) not null);

```

```

alter table Manufacturer Add Column(CategoryId varchar(20) unique);

```

```

insert into      Manufacturer  values(1,'man-id-001','IBM','Description
1','Pune',1);
insert into      Manufacturer  values(2,'man-id-002','HP','Description
2','Gujrat',2);

```

```
insert into Manufacturer values(3,'man-id-003','PARLE','Description
3','Pune',3);
```

```
insert into Manufacturer values(4,'man-id-004','BAJAJ','Description
4','Nashik',4);
```

```
insert into Manufacturer values(5,'man-id-005','BAJAJ','Description
5','Nashik',4);
```

```
insert into Manufacturer values(6,'man-id-006','HP','Description
6','Pune',2);
```

```
insert into Manufacturer values(7,'man-id-007','IBM','Description
7','Pune',1);
```

```
insert into Manufacturer values(8,'man-id-008','PARLE','Description
8','Nashik',3);
```

```
select * from Manufacturer;
```

```
create table Vendor(VendorRowId int auto_increment primary
key,VendorId varchar(20) unique,
VendorName varchar(30) not null,
VendorMobile int(12) not null,Email varchar(50) not null, Address
varchar(200) not null, CategoryRowId int
not null, constraint fk_CategoryRowId_in_Vendor_table
foreign key(CategoryRowId) references Categories(CategoryRowId));
select * from Vendor;
```

```
insert into Vendor values(1,'v-id-001','ABC
Electricals',9998881110,'abce@gmail.com','Nashik',1);
```

```
insert into Vendor values(2,'v-id-002','DEF
Electronics',9998881111,'def@gmail.com','Pune',2);
```

```
insert into Vendor values(3,'v-id-003','Cream and
Cake',9998881112,'candc@gmail.com','Aurangabad',3);
```

```
insert into Vendor values(4,'v-id-004','Relax
furnitures',9998881113,'relfur@gmail.com','Pune',4);
```

```

create table Manufacturer(ManufacturerRowId int auto_increment
primary key,ManufacturerId varchar(20) unique ,
ManufacturerName varchar(50) not null, Description varchar(200) not
null,Address varchar(200) not null,
CategoryRowId int not null,constraint
fk_CategoryRowId_in_Manufacturer_table foreign
key(CategoryRowId)
references Categories(CategoryRowId) );
insert into Manufacturer values(1,'man-id-001','IBM','Description
1','Nashik',1);
insert into Manufacturer values(2,'man-id-002','HP','Description
2','Pune',2);
insert into Manufacturer values(3,'man-id-003','PARLE','Description
3','Aurangabad',3);
insert into Manufacturer values(4,'man-id-004','BAJAJ','Description
4','Pune',4);
select * from Manufacturer;

```

```

create table Product(ProductRowId int auto_increment primary
key,ProductId varchar(20) unique ,
ProductName varchar(50) not null, ProductDescription varchar(200)
not null,Price int not null, Quantity int not null,
ManufacturerRowId int not null, constraint
fk_ManufacturerRowId_in_Product_table foreign
key(ManufacturerRowId)
references Manufacturer(ManufacturerRowId), CategoryRowId int not
null, constraint
fk_CategoryRowId_in_Product_table foreign key(CategoryRowId)
references Categories(CategoryRowId)
);
select * from Product;

```

```

insert into Product values(1,'prd-001','Mobile','Product
Description1',20000, 1, 1,1);
insert into Product values(2,'prd-002','Laptop','Product
Description2',40000, 1, 2,1);
insert into Product values(3,'prd-003','TV','Product
Description3',42000, 1, 1,2);
insert into Product values(4,'prd-004','Cadbury','Product
Description4',4000, 100, 3,3);
insert into Product values(5,'prd-005','Table','Product
Description5',3000, 2, 4,4);

```

```

create table RoleMaster(RoleRowId int auto_increment primary key,
RoleId varchar(20) unique ,
RoleName varchar(50) not null);
insert into RoleMaster values(1,'role-001','Admin');
insert into RoleMaster values(2,'role-002','user1');
insert into RoleMaster values(3,'role-003','user2');
select * from RoleMaster;

```

```

create table Orders(OrderRowId int auto_increment primary
key,OrderId varchar(20) unique,
OrderDate varchar(50) not null, OrderDeliverdate varchar(50) not null,
ProductRowId int not null, constraint
fk_ProductRowId_in_Orders_table foreign key(ProductRowId)
references Product(ProductRowId),
CustomerRowId int not null, constraint
fk_CustomerRowId_in_Orders_table foreign key(CustomerRowId)
references Customer(CustomerRowId),
TotalBill int not null);
alter table Orders Add column(OrderDescription varchar(200) not
null);
select * from Orders;

```

insert	into	Orders
values(1,'or-001','08-04-2021','20-04-2021',1,1,20000);		
insert	into	Orders
values(2,'or-002','10-02-2021','20-03-2021',2,2,10000);		
insert	into	Orders
values(3,'or-003','11-03-2021','20-03-2021',3,1,12000);		
insert	into	Orders
values(4,'or-004','11-04-2021','20-04-2021',2,1,11000,'Description 1');		

```

create table OrderItem(OrderItemRowId int auto_increment primary
key,OrderItemId varchar(20) unique,
OrderItemDescription varchar(200) not null, ProductRowId int not null,
constraint
fk_ProductRowId_in_OrderItem_table foreign key(ProductRowId)
references Product(ProductRowId),
OrderRowId int not null, constraint
fk_OrderRowId_in_OrderItem_table foreign key(OrderRowId)
references Orders(OrderRowId));
alter table Orderitem Add column(Quantity varchar
(50) not null);
select * from Orderitem;
insert into OrderItem value(1,'item-id-001','Order Description 1', 1,1);
insert into OrderItem value(2,'item-id-002','Order Description 2', 2,2);
insert into OrderItem value(3,'item-id-003','Order Description 3', 3,1);

```

```

create table Dispatch(DispatchRowId int auto_increment primary
key,DispatchId varchar(20) unique,
DispatchDate varchar(50) not null, DeliveryDate varchar(50) not null,
ProductRowId int not null, constraint
fk_ProductRowId_in_Dispatch_table foreign key(ProductRowId)
references Product(ProductRowId),
OrderRowId int not null, constraint

```

```

fk_OrderRowId_in_Dispatch_table    foreign    key(OrderRowId)
references Orders(OrderRowId))
select * from Dispatch;
insert                                into                                Dispatch
values(1,'dispid-001','08-04-2021','18-04-2021',1,1);

```

```

create table Users(UserRowId int auto_increment primary key,UserId
varchar(20) unique, Username varchar(50) not null);
insert into Users values(1,'uid-001','Bhakti');
insert into Users values(2,'uid-002','user1');
insert into Users values(3,'uid-003','user2');
select * from Users;

```

```

create table RoleUsers(RoleUserId int auto_increment primary key,
RoleId varchar(20) unique,
UserRowId int not null, constraint
fk_UserRowId_in_RoleUsers_table    foreign    key(UserRowId)
references Users(UserRowId));

```

```

insert into RoleUsers values(1,'admin',1);
insert into RoleUsers values(2,'user1',1);
insert into RoleUsers values(3,'user2',2);

```

```

select * from RoleUsers;

```

```

create table Payment(PaymentRowId int auto_increment primary
key,PaymentId varchar(20) unique,
PaymentType varchar(50) not null, OrderRowId int not null, constraint
fk_OrderRowId_in_Payment_table    foreign    key(OrderRowId)
references Orders(OrderRowId));
select * from Payment;

```

```
create table UserMaster(UserRowId int auto_increment primary key
,Username varchar(20) not null, UserPassword
varchar(20) not null);
insert into UserMaster values(1, 'Bhakti','Bhakti@123');
select * from UserMaster;
```

```
create table UserLoginInfo(UserLoginRowId int auto_increment
primary key, LoginCount int not null,
LoginTime varchar(50) not null, UserRowId int not null, constraint
fk_UserRowId_in_UserLoginInfo_table foreign key(UserRowId)
references Users(UserRowId));
select * from UserLoginInfo;
select * from Customer;
use eShoppingApp1;
select * from Customer;
```

```
-- use eShopping;
-- select * from Categories;
-- select * from SubCategories;
```

```
DELIMITER //
create procedure InsertProduct(
IN ProductRowId int,
IN ProductId varchar(20),
IN ProductName varchar(200),
IN ProductDescription varchar(200),
IN Price int,
IN Quantity int,
IN ManufacturerRowId int,
IN CategoryRowId int
)
BEGIN
```



```
if exists(select * from Product)
insert          into          Product          values(ProductRowId,
ProductId,ProductName,ProductDescription,Price,Quantity,Manufactur
erRowId,CategoryRowId);
END //
```

DELIMITER ;

```
call InsertProduct(1,'Prd-001','Mobile','Description1',20000,1,1,1)
```

```
select * from Product;
select * from orderitem;
alter table orderitem add column(orderStatus varchar(200) not null);
insert          into          orderitem
values(4,"item-id-004","Description-4",1,1,1,"Delivered");
insert          into          orderitem
values(5,"item-id-005","Description-5",1,1,1,"Pending");
select * from orders;
select * from usermaster;
```

```
select * from rolemaster;
insert into rolemaster values(2,"role-002","Customer");
insert into rolemaster values(3,"role-003","Vendor");
delete from rolemaster where RoleId="role-004";
select * from roleusers;
```

```
delete from roleusers where RoleId="admin";
alter table roleusers add column(RoleUserName varchar(50) not null);
select * from users;
```

```

delete from users where UserId="uid-002";
insert into users value(1,"uid-001","Bhaktii","Bhaktii@123");
alter table product add column(ImagePath varchar(500) not null);
insert into roleusers value(1,"role-user-001",1,"Admin");
insert into roleusers value(2,"role-user-002",2,"Customer");
insert into roleusers value(3,"role-user-003",3,"Vendor");
alter table product add constraint fk_VendorRowId_in_Product_table
foreign key(VendorRowId) references Vendor(VendorRowId);

```

```

ALTER      TABLE      product      ADD      CONSTRAINT
fk_VendorRowId_in_Product_table
FOREIGN      KEY      (VendorRowId)      REFERENCES
Vendor(VendorRowId);

```

```

alter table product drop column VendorRowId;

```

```

create table ProductsVendors(ProductRowId int auto_increment
primary key,ProductId varchar(20) unique ,
ProductName varchar(50) not null, ProductDescription varchar(200)
not null,Price int not null, Quantity int not null,
ManufacturerRowId int not null, constraint
fk_ManufacturerRowId_in_ProductsVendors_table foreign
key(ManufacturerRowId)
references Manufacturer(ManufacturerRowId), CategoryRowId int not
null, constraint
fk_CategoryRowId_in_ProductsVendors_table foreign
key(CategoryRowId) references Categories(CategoryRowId),
VendorRowId int ,VendorId varchar(20) ,
VendorName varchar(30) not null,
VendorMobile int(12) not null,Email varchar(50) not null, Address
varchar(200) not null);

```

```

select * from productsvendors;
insert into productsvendors values(1,'prd-001','Mobile','128 gb
RAM',20000,1,1,1,1,'v-id-001','ABC Electricals',2147483647,
'abce@gmail.com','Nashik');
insert into productsvendors values(2,'prd-002','Laptop','8 gb
RAM',40000,1,2,2,2,'v-id-002','DEF Electronics',2147483647,
'def@gmail.com','Pune');

```

```

create table ImagePath(
RowId int not null auto_increment primary key,
ProductId varchar(20) not null, constraint
fk_ProductId_in_ImagePath_table foreign key(ProductId)
references Product(ProductId),
FieldName varchar(40) not null,
OriginalName varchar(50) not null,
Encoding varchar(50) not null,
Mimetype varchar(50) not null,
Destination varchar(50) not null,
FileName varchar(50) not null,
Path varchar(50) not null,
size varchar(50) not null,
img_path varchar(100) not null
);
select * from imagepath;

```

```

use eshoppingapp1;
select * from categories;
create table departments(
DeptNo int not null auto_increment primary key unique,
DeptName varchar(100) not null,
Location varchar(200) not null,

```

Capacity int not null

);

select \* from departments;

insert into departments values(1,'HR','Pune',100);

create table products(

ProductRowId int not null auto\_increment unique,

ProductId varchar(20) not null primary key,

ProductName varchar(100) not null,

ProductDescription varchar(200) not null,

Price int not null,

Quantity int not null,

ManufacturerRowId int not null, constraint

fk\_ManufacturerRowId\_products\_table

foreign

key(ManufacturerRowId)

references Manufacturer(ManufacturerRowId),

CategoryRowId int not null, constraint

fk\_CategoryRowId\_products\_table foreign key(CategoryRowId)

references Categories(CategoryRowId)

);

select \* from products;

insert into products values(1,'prd-01','Mobile','128gb  
RAM',20000,1,1,1);