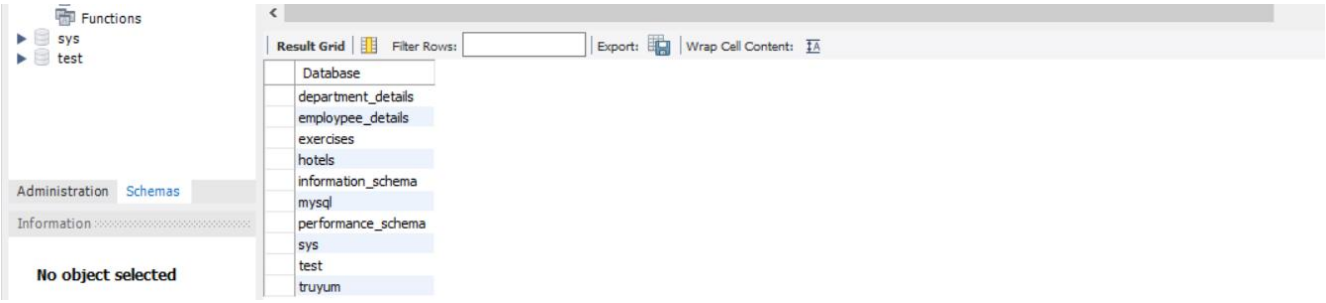
```
create database truyum;
use truyum;
create table menu_items (
        item_id int primary key,
   item_name varchar(50),
   price decimal(5,2),
   date_of_launch date,
   free_delivery enum("Yes", "No"),
   active enum("Yes", "No")
);
create table users (
        user_id int primary key,
   user_name varchar(40),
   address varchar(60)
);
create table cart (
        cart_id int primary key,
   item_id int,
   user_id int,
   foreign key (user_id) references users(user_id),
   foreign key (item_id) references menu_items(item_id)
);
insert into menu_items values (1, 'Sandwich', 110.00, '2019-01-20', 'Yes', 'Yes');
insert into menu_items values (2, 'Cake', 130.00, '2020-01-20', 'No', 'No');
insert into menu_items values  (3, 'Pizaa', 170.00, '2018-01-20', 'Yes', 'Yes');
insert into menu_items values  (4, 'Coke', 39.00, '2021-01-18', 'Yes', 'No');
insert into menu_items values  (5, 'Burger', 120.00, '2022-07-18', 'No', 'Yes');
select * from menu_items;
select * from menu_items where date_of_launch >= '2018-01-20' and Active = 'Yes';
select item_name from menu_items where item_id = 4;
update menu_items
set price = 140
where item_id = 3;
select * from menu_items where item_id = 3;
insert into users values (1, 'Ramya', 'Salem');
insert into users values (2, 'Vicky', 'Chennai');
select*from users;
insert into cart values (1, 2, 1), (2, 3, 1), (3, 5, 1);
select*from cart;
select a.item_name from menu_items as a
join cart as b on a.item_id = b.item_id where b.user_id = 1;
select sum(a.price) from menu_items as a
join cart as b on a.item_id = b.item_id where b.user_id = 1;
delete from cart where user_id = 1 and item_id = 3;
select*from cart;
```

Database creation:



1. View Menu Item List Admin

```
insert into menu_items values (1, 'Sandwich', 110.00, '2019-01-20', 'Yes', 'Yes');
insert into menu_items values (2, 'Cake', 130.00, '2020-01-20', 'No', 'No');
insert into menu_items values  (3, 'Pizaa', 170.00, '2018-01-20', 'Yes', 'Yes');
insert into menu_items values  (4, 'Coke', 39.00, '2021-01-18', 'Yes', 'No');
insert into menu_items values  (5, 'Burger', 120.00, '2022-07-18', 'No', 'Yes');
select * from menu_items;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

item_id	item_name	price	date_of_launch	free_delivery	active
1	Sandwich	110.00	2019-01-20	Yes	Yes
2	Cake	130.00	2020-01-20	No	No
3	Pizaa	170.00	2018-01-20	Yes	Yes
4	Coke	39.00	2021-01-18	Yes	No
5	Burger	120.00	2022-07-18	No	Yes
NULL	NULL	NULL	NULL	NULL	NULL

Frame SQL query to get all menu items which after launch date and is active.

```
select * from menu_items where date_of_launch >= '2018-01-20' and Active = 'Yes';
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

item_id	item_name	price	date_of_launch	free_delivery	active
1	Sandwich	110.00	2019-01-20	Yes	Yes
3	Pizaa	170.00	2018-01-20	Yes	Yes
5	Burger	120.00	2022-07-18	No	Yes
NULL	NULL	NULL	NULL	NULL	NULL

3.Edit Menu Item

a. Frame SQL query to get a menu items based on Menu Item Id

```
select item_name from menu_items where item_id = 4;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

item_name
Coke

B.Frame update SQL menu_items table to update all the columns values based on Menu Item Id

```
update menu_items
set price = 140
where item_id = 3;
select * from menu_items where item_id = 3;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

item_id	item_name	price	date_of_launch	free_delivery	active
3	Pizaa	140.00	2018-01-20	Yes	Yes
NULL	NULL	NULL	NULL	NULL	NULL

4.Insert into users values

```
insert into users values (1, 'Ramya', 'Salem');
insert into users values (2, 'Vicky', 'Chennai');
select*from users;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

user_id	user_name	address
1	Ramya	Salem
2	Vicky	Chennai
NULL	NULL	NULL

5.View Cart

a. Frame SQL query to get all menu items in a particular user's cart

```
insert into cart values (1, 2, 1), (2, 3, 1), (3, 5, 1);
select*from cart;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

cart_id	item_id	user_id
1	2	1
2	3	1
3	5	1
NULL	NULL	NULL

Join:

```
select a.item_name from menu_items as a
join cart as b on a.item_id = b.item_id where b.user_id = 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

item_name
Cake
Pizaa
Burger

b. Frame SQL query to get the total price of all menu items in a particular user's cart

```
42 •  select sum(a.price) from menu_items as a
43    join cart as b on a.item_id = b.item_id where b.user_id = 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

sum(a.price)
390.00

6. Remove Item from Cart

a. Frame SQL query to remove a menu items from Cart based on User Id and Menu Item Id

```
44 •  delete from cart where user_id = 1 and item_id = 3;
45 •  select*from cart;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

cart_id	item_id	user_id
1	2	1
3	5	1
NULL	NULL	NULL