

Code to create the tables

```
create table customer(customer_id int,customer_name varchar(100),
customer_numbercustomers varchar(100), customer_mail varchar(100), address
varchar(100),
CONSTRAINT customers_pk PRIMARY KEY (customer_id));
create table reciever(reciever_id int, address varchar(100), phone_number
varchar(100),
CONSTRAINT reciever_pk PRIMARY KEY (reciever_id));
create table product(product_id int, date_and_time datetime , product_details
varchar(100),
customer_id int, reciever_id int, CONSTRAINT product_pk PRIMARY KEY
(product_id),
CONSTRAINT fk_product
FOREIGN KEY (customer_id)
REFERENCES customer(customer_id),
CONSTRAINT product_fk
FOREIGN KEY (reciever_id)
REFERENCES reciever(reciever_id));
create table location(location_id int, area_details varchar(100), city varchar(100),
pincode int,
date_of_arrival datetime, date_of_disperse datetime,CONSTRAINT location_pk
PRIMARY KEY (location_id));

create table transportation(transport_id int, type_trans varchar(100), trans_from
varchar(100),
trans_to varchar(100),CONSTRAINT transportation_pk PRIMARY KEY
(transport_id));

create table warehouse(warehouse_id int, address varchar(100), phone_num int,
CONSTRAINT warehouse_pk PRIMARY KEY (warehouse_id));

create table airport(airport_id int, air_name varchar(100), city varchar(100), state
varchar(100)
,CONSTRAINT airport_pk PRIMARY KEY (airport_id));

create table located(product_id int, location_id int,
CONSTRAINT fk_located
FOREIGN KEY (product_id)
REFERENCES product(product_id),
CONSTRAINT fk_locatedd
FOREIGN KEY (location_id)
REFERENCES location(location_id));

create table transported_in(location_id int, transport_id int,
CONSTRAINT fk_transported_in
FOREIGN KEY (location_id)
REFERENCES location(location_id),
CONSTRAINT fk_transported_inn
FOREIGN KEY (transport_id)
```

REFERENCES transportation(transport_id));

MySQL Workbench interface showing SQL queries for creating tables and constraints. The queries are as follows:

```
1 create table customer(customer_id int, customer_name varchar(100),
2 customer_number varchar(100), customer_email varchar(100), address varchar(100),
3 CONSTRAINT customers_pk PRIMARY KEY (customer_id));
4 create table reciever(reciever_id int, address varchar(100), phone_number varchar(100),
5 CONSTRAINT reciever_pk PRIMARY KEY (reciever_id));
6 create table product(product_id int, date_and_time datetime, product_details varchar(100),
7 customer_id int, reciever_id int, CONSTRAINT product_pk PRIMARY KEY (product_id),
8 CONSTRAINT fk_product
9 FOREIGN KEY (customer_id)
10 REFERENCES customer(customer_id),
11 CONSTRAINT product_fk
12 FOREIGN KEY (reciever_id)
13 REFERENCES reciever(reciever_id));
14 create table location(location_id int, area_details varchar(100), city varchar(100), pincode int,
15 date_of_arrival datetime, date_of_disperse datetime, CONSTRAINT location_pk PRIMARY KEY (location_id));
16
17 create table transportation(transport_id int, type_trans varchar(100), trans_from varchar(100),
18 trans_to varchar(100), CONSTRAINT transportation_pk PRIMARY KEY (transport_id));
19
20 create table warehouse(warehouse_id int, address varchar(100), phone_num int,
21 CONSTRAINT warehouse_pk PRIMARY KEY (warehouse_id));
```

The output window shows the following messages:

#	Time	Action	Message	Duration / Fetch
32	22:50:07	create table warehouse(warehouse_id int, address varchar(100), phone_num int, CONSTRAINT warehouse_pk PRIMARY KEY (warehouse_id));	Error Code: 1050. Table 'warehouse' already exists	0.000 sec
33	22:50:12	create table transportation(transport_id int, type_trans varchar(100), trans_from varchar(100), trans_to varchar(100), CONSTRAINT transportation_pk PRIMARY KEY (transport_id));	Error Code: 1050. Table 'transportation' already exists	0.016 sec
34	22:50:23	create table location(location_id int, area_details varchar(100), city varchar(100), pincode int, date_of_arrival datetime, date_of_disperse datetime, CONSTRAINT location_pk PRIMARY KEY (location_id));	Error Code: 1050. Table 'location' already exists	0.000 sec
35	22:50:28	create table product(product_id int, date_and_time datetime, product_details varchar(100), customer_id int, reciever_id int, CONSTRAINT product_pk PRIMARY KEY (product_id), CONSTRAINT fk_product FOREIGN KEY (customer_id) REFERENCES customer(customer_id), CONSTRAINT product_fk FOREIGN KEY (reciever_id) REFERENCES reciever(reciever_id));	Error Code: 1050. Table 'product' already exists	0.015 sec
36	22:50:34	create table reciever(reciever_id int, address varchar(100), phone_number varchar(100), CONSTRAINT reciever_pk PRIMARY KEY (reciever_id));	Error Code: 1050. Table 'reciever' already exists	0.000 sec
37	22:50:40	create table customer(customer_id int, customer_name varchar(100), customer_number varchar(100), customer_email varchar(100), address varchar(100), CONSTRAINT customers_pk PRIMARY KEY (customer_id));	Error Code: 1050. Table 'customer' already exists	0.000 sec

MySQL Workbench interface showing SQL queries for creating tables and constraints. The queries are as follows:

```
21 CONSTRAINT warehouse_pk PRIMARY KEY (warehouse_id));
22
23 create table airport(airport_id int, air_name varchar(100), city varchar(100), state varchar(100),
24 CONSTRAINT airport_pk PRIMARY KEY (airport_id));
25
26 create table located(product_id int, location_id int,
27 CONSTRAINT fk_located
28 FOREIGN KEY (product_id)
29 REFERENCES product(product_id),
30 CONSTRAINT fk_locatedd
31 FOREIGN KEY (location_id)
32 REFERENCES location(location_id));
33
34 create table transported_in(location_id int, transport_id int,
35 CONSTRAINT fk_transported_in
36 FOREIGN KEY (location_id)
37 REFERENCES location(location_id),
38 CONSTRAINT fk_transported_inn
39 FOREIGN KEY (transport_id)
40 REFERENCES transportation(transport_id));
41
```

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35	22:50:28	create table product(product_id int, date_and_time datetime, product_details varchar(100), customer_id int, reciever_id int, CONSTRAINT product_pk PRIMARY KEY (product_id), CONSTRAINT fk_product FOREIGN KEY (customer_id) REFERENCES customer(customer_id), CONSTRAINT product_fk FOREIGN KEY (reciever_id) REFERENCES reciever(reciever_id));	Error Code: 1050. Table 'product' already exists	0.015 sec
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37	22:50:40	create table customer(customer_id int, customer_name varchar(100), customer_number varchar(100), customer_email varchar(100), address varchar(100), CONSTRAINT customers_pk PRIMARY KEY (customer_id));	Error Code: 1050. Table 'customer' already exists	0.000 sec