```sql
create table sales_master(

salesman_no varchar2(6) check (salesman_no like 's%') primary key,

sal_name varchar2(20) not null,

address1 varchar2(30) not null,

address2 varchar2(30) not null,

city varchar2(20),

state varchar2(20),

pincode number(6,0),

sal_amt number(8,2) check (sal_amt > 0) not null,

tgt_to_get number(6,2) check (tgt_to_get >0) not null,

ytd_sales number(6,2) not null,

remarks varchar2(60)

);



ALTER TABLE CLIENT_MASTER ADD PRIMARY KEY (CLIENT_NO);



create table sales_order(

s_order_no varchar2(6) check (s_order_no like 'O%') primary key,

order_date date not null,

client_no varchar2(6),

dely_add varchar2(25),

salesman_no varchar2(6),

dely_type char(1) default 'f' check (dely_type in ('p','f')),

bill_yn char(1),
```

```sql
dely_date date,

order_status varchar2(10) check (order_status in ('inprocess','fulfiled','backordered','cancelled')),

CONSTRAINT chk_date CHECK (dely_date >= order_date),

foreign key (client_no) REFERENCES CLIENT_MASTER,

foreign key (salesman_no) REFERENCES SALES_MASTER

);


ALTER TABLE PRODUCT_MASTER ADD PRIMARY KEY (PRODUCT_NO);


create table sales_order_details(

s_order_no varchar2(6),

product_no varchar2(6),

qty_order number(8,0),

qty_disp number(8,0),

product_rate number(10,2),

foreign key (s_order_no) references sales_order,

foreign key (product_no) references product_master

);



insert into sales_master (salesman_no, sal_name, address1, address2, city, state, pincode, sal_amt, tgt_to_get, ytd_sales, remarks)

values ('s00001', 'Aman', 'A/14', 'Worli', 'Mumbai', 'Maharashtra', 400002, 3000, 100, 50, 'Good');


insert into sales_master (salesman_no, sal_name, address1, address2, city, pincode, state, sal_amt, tgt_to_get, ytd_sales, remarks)
```

values ('s00002', 'Omkar', '65', 'Nariman', 'Mumbai', 400001, 'Maharashtra', 3000, 200, 100, 'Good');

insert into sales_master (salesman_no, sal_name, address1, address2, city, pincode, state, sal_amt, tgt_to_get, ytd_sales, remarks)

values ('s00003', 'Raj', 'P-7', 'Bandra', 'Mumbai', 400032, 'Maharashtra', 3000, 200, 100, 'Good');

insert into sales_master (salesman_no, sal_name, address1, address2, city, pincode, state, sal_amt, tgt_to_get, ytd_sales, remarks)

values ('s00004', 'Ashish', 'A/5', 'Juhu', 'Mumbai', 400044, 'Maharashtra', 3500, 200, 150, 'Good');

insert into sales_order (s_order_no, order_date, client_no, dely_add, salesman_no, dely_type, bill_yn, dely_date, order_status)

values ('O19001', '12-JAN-96', '0001', '', 's00001', 'f', 'n', '20-JAN-96', 'inprocess');

insert into sales_order (s_order_no, order_date, client_no, dely_add, salesman_no, dely_type, bill_yn, dely_date, order_status)

values ('O19002', '25-jan-96', '0002', '', 's00002', 'p', 'n', '27-jan-96', 'cancelled');

insert into sales_order (s_order_no, order_date, client_no, dely_add, salesman_no, dely_type, bill_yn, dely_date, order_status)

values ('O16865', '18-feb-96', '0003', '', 's00003', 'f', 'y', '20-feb-96', 'fulfiled');

insert into sales_order (s_order_no, order_date, client_no, dely_add, salesman_no, dely_type, bill_yn, dely_date, order_status)

values ('O19003', '03-apr-96', '0001', '', 's00001', 'f', 'y', '07-apr-96', 'fulfiled');

insert into sales_order (s_order_no, order_date, client_no, dely_add, salesman_no, dely_type, bill_yn, dely_date, order_status)

values ('O46866', '20-may-96', '0004', '', 's00002', 'p', 'n', '22-may-96', 'cancelled');

insert into sales_order (s_order_no, order_date, client_no, dely_add, salesman_no, dely_type, bill_yn, dely_date, order_status)

values ('O10008', '24-may-96', '0005', '', 's00004', 'f', 'n', '26-may-96', 'inprocess');

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O19001', 'P00001', 4, 4, 525);

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O19001', 'P07965', 2, 1, 8400);

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O16865', 'P07868', 3, 3, 3150);

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O16865', 'P07885', 10, 10, 5250);

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O19003', 'P00001', 4, 4, 1050);

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O19003', 'P03453', 2, 2, 1050);

insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O46866', 'P06734', 1, 1, 12000);

```sql
insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O46866', 'P07865', 1, 0, 8400);


insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O10008', 'P07975', 1, 0, 1050);


insert into sales_order_details (s_order_no, product_no, qty_order, qty_disp, product_rate)

values ('O10008', 'P00001', 10, 5, 525);
```