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TABLES

1.

```
create table salesman_master(  
  salesman_no varchar(6) primary key  
  constraint start_s check(salesman_no like 'S%'),  
  salesman_name varchar(20) not null,  
  Address1 varchar(30) not null,  
  Address2 varchar(30),  
  city varchar(20),  
  pincode number(6),  
  "state" varchar(20),  
  sal_amt number(8,2) not null  
  constraint salchecknotzero check(sal_amt!=0),  
  tgt_to_get number(6,2) not null  
  constraint tgtchecknotzero check(tgt_to_get!=0),  
  ytd_dales number(6,2) not null,  
  remarks varchar(60));
```

2.

```
create table sales_order(  
  s_order_no varchar(6) primary key  
  constraint start_o check(s_order_no like 'O%'),  
  s_order_date date,  
  client_no varchar(6) references client_master(client_no),  
  dely_addr varchar(25),  
  salesman_no varchar(6) references salesman_master(salesman_no),  
  dely_type char(1) default 'F',  
  billed_yn char(1) default 'N',  
  dely_date date,  
  constraint check_dely_date check(dely_date >= s_order_date),  
  order_status varchar(10),  
  constraint check_order_status check(order_status in('in process', 'Fulfilled', 'BackOrder',  
  'Canceled')));
```

3.

```
create table sales_order_details(  
s_order_no varchar(6) references sales_order,  
product_no varchar(6) references product_master,  
qty_ordered number(8),  
qty_disp number(8),  
product_rate number(10,2));
```

4.

```
INSERT INTO salesman_master  
VALUES(
```

```
    'S00001',  
    'Kiran',  
    'A/14',  
    'Worli',  
    'Bombay',  
    400002,  
    'MAH',  
    3000,  
    100,  
    50,  
    'Good'
```

```
);
```

```
INSERT INTO salesman_master  
VALUES(
```

```
    'S00002',  
    'Manish',  
    '65',  
    'Nariman',  
    'Bombay',  
    400001,  
    'MAH',  
    3000,  
    200,  
    100,  
    'Good'
```

```
);
```

```
INSERT INTO salesman_master
```

```

VALUES(
    'S00003',
    'Ravi',
    'P-7',
    'Bandra',
    'Bombay',
    400032,
    'MAH',
    3000,
    200,
    100,
    'Good'
);
INSERT INTO salesman_master
VALUES(
    'S00004',
    'Ashish',
    'A/5',
    'Juhu',
    'Bombay',
    400044,
    'MAH',
    3500,
    200,
    150,
    'Good'
);

```

5.

```

INSERT INTO sales_order
(s_order_no, s_order_date, client_no, dely_addr,
salesman_no, dely_type, billed_yn, dely_date, order_status)
VALUES(
    'O19001',
    '12-JAN-21',
    'C00001',
    NULL,
    'S00001',
    'F',

```

```

        'N',
        '20-JAN-21',
        'in process'
    );

```

```

INSERT INTO sales_order
(s_order_no, s_order_date, client_no, dely_addr,
salesman_no, dely_type, billed_yn, dely_date, order_status)
VALUES(
    'O19002',
    '25-JAN-21',
    'C00002',
    NULL,
    'S00002',
    'P',
    'N',
    '27-JAN-21',
    'Canceled'
);

```

```

INSERT INTO sales_order
(s_order_no, s_order_date, client_no, dely_addr,
salesman_no, dely_type, billed_yn, dely_date, order_status)
VALUES(
    'O46865',
    '18-FEB-21',
    'C00003',
    NULL,
    'S00003',
    'F',
    'Y',
    '20-FEB-21',
    'Fulfilled'
);

```

```

INSERT INTO sales_order
(s_order_no, s_order_date, client_no, dely_addr,
salesman_no, dely_type, billed_yn, dely_date, order_status)
VALUES(
    'O19003',

```

```

        '03-APR-21',
        'C00001',
        NULL,
        'S00001',
        'F',
        'Y',
        '07-APR-21',
        'Fulfilled'
    );

```

```

INSERT INTO sales_order
(s_order_no, s_order_date, client_no, dely_addr,
salesman_no, dely_type, billed_yn, dely_date, order_status)
VALUES(
    'O46866',
    '20-MAY-21',
    'C00004',
    NULL,
    'S00002',
    'P',
    'N',
    '22-MAY-21',
    'Canceled'
);

```

```

INSERT INTO sales_order
(s_order_no, s_order_date, client_no, dely_addr,
salesman_no, dely_type, billed_yn, dely_date, order_status)
VALUES(
    'O10008',
    '24-MAY-21',
    'C00005',
    NULL,
    'S00004',
    'F',
    'N',
    '26-MAY-21',
    'in process'
);

```

6.

```
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O19001','P00001',4,4,525);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O19001','P07965',2,1,8400);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O19001','P07885',2,1,5250);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O19002','P00001',10,0,525);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O46865','P07868',3,3,3150);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O46865','P07885',3,1,5250);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O46865','P00001',10,10,525);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O46865','P03453',4,4,1050);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O19003','P03453',2,2,1050);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O19003','P06734',1,1,12000);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O46866','P07965',1,0,8400);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O46866','P07975',1,0,1050);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O10008','P00001',10,5,525);
INSERT INTO SALES_ORDER_DETAILS
VALUES ('O10008','P07975',5,3,1050);
```