

CREATING TABLES

1)

```
CREATE TABLE salesman_master
```

```
(salesman_no VARCHAR(6) PRIMARY KEY CONSTRAINT STARTS CHECK (salesman_no LIKE 'S%'),  
salesman_name VARCHAR(20) NOT NULL, address1 VARCHAR(30) NOT NULL, address2 VARCHAR(30),  
city VARCHAR(20), pincode VARCHAR(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_sales  
NUMBER(6,2) NOT NULL,
```

```
remarks VARCHAR(60));
```

```
SELECT *
```

```
FROM salesman_master;
```

2)

```
CREATE TABLE sales_order
```

```
(s_order_no VARCHAR(6) PRIMARY KEY CONSTRAINT STARTO CHECK (s_order_no LIKE 'O%'),  
s_order_date DATE, client_no VARCHAR(6), dely_addr VARCHAR(25), salesman_no VARCHAR(6),  
dely_type CHAR(1) DEFAULT 'F', billed_yn CHAR(1) DEFAULT 'N', dely_date DATE,  
CONSTRAINT CHECKDELYDATE CHECK(dely_date >= s_order_date),
```

```
order_status VARCHAR(10),
```

```
CONSTRAINT CK_ORDERSTATUS CHECK(order_status IN  
( 'In process', 'Fulfilled', 'BackOrder', 'Cancelled' ));
```

```
SELECT *
```

```
FROM sales_order;
```

3.

```
CREATE TABLE sales_order_details
(s_order_no VARCHAR(6) REFERENCES sales_order,product_no VARCHAR(6),
qty_ordered NUMBER(8),qty_disp NUMBER(8),product_rate NUMBER(10,2));
```

INSERTING VALUES

1)

```
INSERT INTO salesman_master
VALUES ('S0001','Kiran','A/14','Worli','Bombay',400002,'MAH',3000,100,50,'Good');
```

```
INSERT INTO salesman_master
VALUES ('S0002','Manish','65','Nariman','Bombay',400001,'MAH',3000,200,100,'Good');
```

```
INSERT INTO salesman_master
VALUES ('S0003','Ravi','P7','Bandra','Bombay',400032,'MAH',3000,200,100,'Good');
```

```
INSERT INTO salesman_master
VALUES ('S0004','Ashish','A/5','Juhu','Bombay',400044,'MAH',3500,200,150,'Good');
```

2)

```
INSERT INTO SALES_ORDER
VALUES ('O19001','12-JAN-2021','C00001','F','N','S00001','20-JAN-2021','in process');
INSERT INTO SALES_ORDER
VALUES ('O19002','25-JAN-2021','C00002','P','N','S00002','27-JAN-2021','Cancelled');
```

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INSERT INTO SALES_ORDER
VALUES ('O46865','18-FEB-2021','C00003','F','Y','S00003','20-FEB-2021','Fulfilled');

INSERT INTO SALES_ORDER
VALUES ('O19003','03-APR-2021','C00001','F','Y','S00001','07-APR-2021','Fulfilled');

INSERT INTO SALES_ORDERVALUES ('O46866','20-MAY-2021','C00004','P','N','S00002','22-MAY-2021',
'Cancelled');

INSERT INTO SALES_ORDER
VALUES ('O10008','24-MAY-2021','C00005','F','N','S00004','26-MAY-2021','in process');

```

3)

```

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);
```