ASSSIGNMENT 2

NAME:
ROLL NO:

PROBLEM STATEMENT: DESIGN AND DEVELOP SQL DDL STATEMENTS WHICH DEMONSTRATE THE USE OF SQL OBJECTS SUCH AS TABLE.

****

A) CREATE TABLES

CLIENT_MASTER,
PRODUCT_MASTER,
SALESMAN_MASTER,
SALES_ORDER,
SALES_ORDER_DETAILS.
****

mysql> create database ENGG;
Query OK, 1 row affected (0.00 sec)

mysql> use ENGG;
Database changed

>CREATE TABLE CLIENT_MASTER(CLIENT_NO VARCHAR (6), NAME VARCHAR (20), ADDRESS1 VARCHAR (30), ADDRESS2 VARCHAR (30), CITY VARCHAR (15), PINCODE INTEGER (8), STATE VARCHAR (15), BAL_DUE FLOAT (10,2), PRIMARY KEY (CLIENT_NO));
Query OK, 0 rows affected (0.08 sec)

mysql> DESC CLIENT_MASTER;
```
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| CLIENT_NO | varchar(6)  | NO   | PRI |         |       |
| NAME      | varchar(20) | NO   |     | NULL    |       |
| ADDRESS1  | varchar(30) | NO   |     | NULL    |       |
| ADDRESS2  | varchar(30) | NO   |     | NULL    |       |
| CITY      | varchar(15) | NO   |     | NULL    |       |
| PINCODE   | int(8)      | NO   |     | NULL    |       |
| STATE     | varchar(15) | NO   |     | NULL    |       |
| BAL_DUE   | float(10,2) | NO   |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
8 rows in set (0.00 sec)
```

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mysql> CREATE TABLE PRODUCT_MASTER (PRODUCT_NO VARCHAR (6),

DESCRIPTION VARCHAR (15) NOT NULL, PROFIT_PERSCENT FLOAT (4,2) NOT NULL, UNIT_MEASURE VARCHAR (10) NOT NULL, QTY_ON_HAND INTEGER (8) NOT NULL, REORDER_LVL INTEGER (8) NOT NULL, SELL_PRICE FLOAT (8,2) NOT NULL, COST_PRICE FLOAT (8,2) NOT NULL, PRIMARY KEY (PRODUCT_NO));
Query OK, 0 rows affected (0.08 sec)

mysql> DESC PRODUCT_MASTER;

Field	Type	Null	Key	Default	Extra
PRODUCT_NO	varchar(6)	NO	PRI		
DESCRIPTION	varchar(15)	NO		NULL	
PROFIT_PERSCENT	float(4,2)	NO		NULL	
UNIT_MEASURE	varchar(10)	NO		NULL	
QTY_ON_HAND	int(8)	NO		NULL	
REORDER_LVL	int(8)	NO		NULL	
SELL_PRICE	float(8,2)	NO		NULL	
COST_PRICE	float(8,2)	NO		NULL	

8 rows in set (0.00 sec)

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mysql> CREATE TABLE SALESMAN_MASTER (SALESMAN_NO VARCHAR (6) PRIMARY KEY, SALESMAN_NAME VARCHAR (20) NOT NULL, ADDRESS1 VARCHAR (30) NOT NULL, ADDRESS2 VARCHAR (30), CITY VARCHAR (20), PINCODE FLOAT (8,2), STATE VARCHAR (20), SAL_AMT FLOAT (8,2) NOT NULL, TGT_TO_GET FLOAT (6,2) NOT NULL, YTD_SALES FLOAT (6,2) NOT NULL, REMARKS VARCHAR (60));
Query OK, 0 rows affected (0.06 sec)

mysql> DESC SALESMAN_MASTER;

Field	Type	Null	Key	Default	Extra
SALESMAN_NO	varchar(6)	NO	PRI	NULL	
SALESMAN_NAME	varchar(20)	NO		NULL	
ADDRESS1	varchar(30)	NO		NULL	
ADDRESS2	varchar(30)	YES		NULL	
CITY	varchar(20)	YES		NULL	
PINCODE	float(8,2)	YES		NULL	
STATE	varchar(20)	YES		NULL	
SAL_AMT	float(8,2)	NO		NULL	
TGT_TO_GET	float(6,2)	NO		NULL	
YTD_SALES	float(6,2)	NO		NULL	
REMARKS	varchar(60)	YES		NULL	

11 rows in set (0.00 sec)

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mysql> CREATE TABLE SALES_ORDER (ORDER_NO VARCHAR (6) PRIMARY KEY,CLIENT_NO VARCHAR (6), ORDER_DATE DATE NOT NULL, DELY_ADDR VARCHAR (25), SALESMAN_NO VARCHAR (6), DELY_TYPE CHAR (1), BILLYN CHAR

(1), DELY_DATE DATE, ORDER_STATUS VARCHAR (10), FOREIGN KEY (CLIENT_NO) REFERENCES CLIENT_MASTER (CLIENT_NO), FOREIGN KEY (SALESMAN_NO) REFERENCES SALESMAN_MASTER (SALESMAN_NO));
Query OK, 0 rows affected (0.14 sec)

mysql> DESC SALES_ORDER;

```
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| ORDER_NO     | varchar(6)  | NO   | PRI | NULL    |       |
| CLIENT_NO    | varchar(6)  | YES  | MUL | NULL    |       |
| ORDER_DATE   | date        | NO   |     | NULL    |       |
| DELY_ADDR    | varchar(25) | YES  |     | NULL    |       |
| SALESMAN_NO  | varchar(6)  | YES  | MUL | NULL    |       |
| DELY_TYPE    | char(1)     | YES  |     | NULL    |       |
| BILLYN       | char(1)     | YES  |     | NULL    |       |
| DELY_DATE    | date        | YES  |     | NULL    |       |
| ORDER_STATUS | varchar(10) | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
```
9 rows in set (0.00 sec)

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mysql> CREATE TABLE SALES_ORDER_DETAILS (ORDER_NO VARCHAR (6), PRODUCT_NO VARCHAR (6), QTY_ORDERED INTEGER (8), QTY_DISP INTEGER (8), PRODUCT_RATE FLOAT (10,2), FOREIGN KEY (ORDER_NO) REFERENCES SALES_ORDER (ORDER_NO), FOREIGN KEY (PRODUCT_NO) REFERENCES PRODUCT_MASTER (PRODUCT_NO));
Query OK, 0 rows affected (0.12 sec)

mysql> DESC SALES_ORDER_DETAILS;

```
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| ORDER_NO     | varchar(6)  | YES  | MUL | NULL    |       |
| PRODUCT_NO   | varchar(6)  | YES  | MUL | NULL    |       |
| QTY_ORDERED  | int(8)      | YES  |     | NULL    |       |
| QTY_DISP     | int(8)      | YES  |     | NULL    |       |
| PRODUCT_RATE | float(10,2) | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
```
5 rows in set (0.01 sec)

****
B) INSERT THE DATA INTO THEIR RESPECTIVE TABLES.
****

mysql>
INSERT INTO
CLIENT_MASTER(CLIENT_NO,NAME,ADDRESS1,ADDRESS2,CITY,PINCODE,STATE, BAL_DUE)
    VALUES
    ('C00001','IVAN

BAYROSS','NASHIK','YEOLA','MUMBAI','400054','MAHARASHTRA','15000'),
    ('C00002','MAMTA MUZUMDAR','NIMANI','CBS','MADRAS','780001','TAMIL NADU','0'),
    ('C00003','CHHAYA
BANKER','DWARKA','ASHOKNAGAR','MUMBAI','400057','MAHARASHTRA','5000'),
    ('C00004','ASHWINI
JOSHI','RK','SHALIMAR','BANGALORE','560001','KARNATAKA','0'),
    ('C00005','HANSEL
COLACO','KOPARGAON','LASLGAON','MUMBAI','400060','MAHARASHTRA','2000'),
    ('C00006','DIPAK
SHARMA','VAIJAPUR','VINCHUR','BANGALORE','560050','KARNATAKA','0');
Query OK, 6 rows affected (0.02 sec)
Records: 6 Duplicates: 0 Warnings: 0

mysql> SELECT *FROM CLIENT_MASTER;

CLIENT_NO	NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	BALDUE
C00001	IVAN BAYROSS	NASHIK	YEOLA	MUMBAI	400054	MAHARASHTRA	15000.00
C00002	MAMTA MUZUMDAR	NIMANI	CBS	MADRAS	780001	TAMIL NADU	0.00
C00003	CHHAYA BANKER	DWARKA	ASHOKNAGAR	MUMBAI	400057	MAHARASHTRA	5000.00
C00004	ASHWINI JOSHI	RK	SHALIMAR	BANGALORE	560001	KARNATAKA	0.00
C00005	HANSEL COLACO	KOPARGAON	LASLGAON	MUMBAI	400060	MAHARASHTRA	2000.00
C00006	DIPAK SHARMA	VAIJAPUR	VINCHUR	BANGALORE	560050	KARNATAKA	0.00

6 rows in set (0.00 sec)

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mysql> INSERT INTO
PRODUCT_MASTER(PRODUCT_NO,DESCRIPTION,PROFIT_PERSCENT,UNIT_MEASURE,QTY_ON_HAND,REORDER_LVL,SELL_PRICE,COST_PRICE) VALUES
('P0001','T-SHIRTS','5','PIECE','200','50','350','250'),
('P0345','SHIRTS','6','PIECE','150','50','500','350'), ('P06734','COTTON
JEANS','5','PIECE','100','20','600','450'),
('P07865','JEANS','5','PIECE','100','20','750','500'),
('P07868','TROUSERS','2','PIECE','150','50','850','550'), ('P07885','PULL
OVERS','2.5','PIECE','80','30','700','450'), ('P07965','DEIM
SHIRTS','4','PIECE','100','40','350','250'), ('P07975','LYCRA
TOPS','5','PIECE','70','30','300','175'), ('P08865','SKIRTS','5','PIECE','75','30','450','300');
Query OK, 9 rows affected (0.02 sec)
Records: 9 Duplicates: 0 Warnings: 0

mysql> SELECT *FROM PRODUCT_MASTER;
+------------+-------------+----------------+------------+-----------+------------+-----------+----------

```
-+
| PRODUCT_NO | DESCRIPTION  | PROFIT_PERSCENT | UNIT_MEASURE |
QTY_ON_HAND | REORDER_LVL | SELL_PRICE | COST_PRICE |
+------------+--------------+-----------------+--------------+------------+------------+-----------+-----------
-+
| P0001      | T-SHIRTS     |            5.00 | PIECE        |        200 |         50 |    350.00 |
250.00 |
| P0345      | SHIRTS       |            6.00 | PIECE        |        150 |         50 |    500.00 |
350.00 |
| P06734     | COTTON JEANS |            5.00 | PIECE        |        100 |         20 |    600.00 |
450.00 |
| P07865     | JEANS        |            5.00 | PIECE        |        100 |         20 |    750.00 |
500.00 |
| P07868     | TROUSERS     |            2.00 | PIECE        |        150 |         50 |    850.00 |
550.00 |
| P07885     | PULL OVERS   |            2.50 | PIECE        |         80 |         30 |    700.00 |
450.00 |
| P07965     | DEIM SHIRTS  |            4.00 | PIECE        |        100 |         40 |    350.00 |
250.00 |
| P07975     | LYCRA TOPS   |            5.00 | PIECE        |         70 |         30 |    300.00 |
175.00 |
| P08865     | SKIRTS       |            5.00 | PIECE        |         75 |         30 |    450.00 |
300.00 |
+------------+--------------+-----------------+--------------+------------+------------+-----------+-----------
-+
9 rows in set (0.00 sec)
```

```
mysql> INSERT INTO
SALESMAN_MASTER(SALESMAN_NO,SALESMAN_NAME,ADDRESS1,ADDRESS2,CI
TY,PINCODE,STATE,SAL_AMT,TGT_TO_GET,YTD_SALES,REMARKS) VALUES
('S00001','AMAN','A/14','WORLI','MUMBAI','400002','MAHARSHTRA','3000','100','50','GO
OD'),
('S00002','OMKAR','65','NARIMAN','MUMBAI','400001','MAHARSHTRA','3000','200','100','
GOOD'), ('S00003','RAJ','P-
7','BANDRA','MUMBAI','400032','MAHARSHTRA','3000','200','100','GOOD'),
('S00004','ASHISH','A/5','JUHU','MUMBAI','400044','MAHARSHTRA','3000','200','150','GO
OD');
Query OK, 4 rows affected (0.02 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> SELECT *FROM SALESMAN_MASTER;
+-------------+---------------+----------+----------+--------+-----------+------------+---------+------------+---
--------+---------+
| SALESMAN_NO | SALESMAN_NAME | ADDRESS1 | ADDRESS2 | CITY   | PINCODE
| STATE      | SAL_AMT | TGT_TO_GET | YTD_SALES | REMARKS |
+-------------+---------------+----------+----------+--------+-----------+------------+---------+------------+---
--------+---------+
| S00001      | AMAN          | A/14     | WORLI    | MUMBAI | 400002.00 | MAHARSHTRA |
3000.00 |    100.00 |     50.00 | GOOD    |
| S00002      | OMKAR         | 65       | NARIMAN  | MUMBAI | 400001.00 | MAHARSHTRA |
```

```
3000.00 |    200.00 |   100.00 | GOOD    |
| S00003    | RAJ         | P-7     | BANDRA   | MUMBAI | 400032.00 | MAHARSHTRA |
3000.00 |    200.00 |   100.00 | GOOD    |
| S00004    | ASHISH      | A/5     | JUHU     | MUMBAI | 400044.00 | MAHARSHTRA |
3000.00 |    200.00 |   150.00 | GOOD    |
+------------+--------------+---------+---------+--------+-----------+------------+---------+-----------+---
--------+---------+
4 rows in set (0.00 sec)
```

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```
mysql> insert into SALES_ORDER
(ORDER_NO,CLIENT_NO,ORDER_DATE,DELY_ADDR,SALESMAN_NO,DELY_TYPE,BILLYN,DELY_DATE,ORDER_STATUS)
values
('O19001','C00001','04-06-12','NASHIK','S00001','F','N','02-07-20','In Process'),
('O19002','C00002','04-06-25','NASHIK','S00002','P','N','02-06-27','Cancelled'),
('O46865','C00003','04-02-18','NASHIK','S00003','F','Y','02-02-20','Fulfilled'),
('O19003','C00001','04-04-03','NASHIK','S00001','F','Y','02-04-07','Fulfilled'),
('O46866','C00004','04-05-20','NASHIK','S00002','P','N','02-05-22','Cancelled'),
('O19008','C00005','04-05-24','NASHIK','S00004','F','N','02-07-26','In Process');

Query OK, 6 rows affected (0.33 sec)
Records: 6  Duplicates: 0  Warnings: 0

mysql> select * from SALES_ORDER;
+---------+----------+------------+-----------+------------+----------+--------+------------+------------+
| ORDERNO | CLIENTNO | ORDER_DATE | DELY_ADDR | SALESMANNO | DELYTYPE | BILLYN | DELYDATE   | ORDERSTATUS |
+---------+----------+------------+-----------+------------+----------+--------+------------+------------+
| O19001  | C00001   | 2004-06-12 | NASHIK    | S00001     | F        | N      | 2002-07-20 | In Process |
| O19002  | C00002   | 2004-06-25 | NASHIK    | S00002     | P        | N      | 2002-06-27 | Cancelled  |
| O19003  | C00001   | 2004-04-03 | NASHIK    | S00001     | F        | Y      | 2002-04-07 | Fulfilled  |
| O19008  | C00005   | 2004-05-24 | NASHIK    | S00004     | F        | N      | 2002-07-26 | In Process |
| O46865  | C00003   | 2004-02-18 | NASHIK    | S00003     | F        | Y      | 2002-02-20 | Fulfilled  |
| O46866  | C00004   | 2004-05-20 | NASHIK    | S00002     | P        | N      | 2002-05-22 | Cancelled  |
+---------+----------+------------+-----------+------------+----------+--------+------------+------------+
6 rows in set (0.00 sec)
```

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```
mysql> insert into SALES_ORDER_DETAILS
(ORDER_NO,PRODUCT_NO,QTY_ORDERED,QTY_DISP,PRODUCT_RATE)
values
('O19001','P0001','4','4','525'),
('O19001','P07965','2','1','8400'),
```

('O19001','P07885','2','1','5250'),
('O19002','P0001','10','0','525'),
('O46865','P07868','3','3','3150'),
('O46865','P07885','3','1','5250'),
('O46865','P0001','10','10','525'),
('O46865','P0345','4','4','1050'),
('O19003','P0345','2','2','1050'),
('O19003','P06734','1','1','12000'),
('O46866','P07965','1','0','8400'),
('O46866','P07975','1','0','1050'),
('O19008','P0001','10','5','525'),
('O19008','P07975','5','3','1050');

mysql> select * from SALES_ORDER_DETAILS;

ORDERNO	PRODUCTNO	QTYORDERED	QTYDISP	PRODUCTRATE
O19001	P0001	4	4	525.00
O19001	P07965	2	1	8400.00
O19001	P07885	2	1	5250.00
O19002	P0001	10	0	525.00
O46865	P07868	3	3	3150.00
O46865	P07885	3	1	5250.00
O46865	P0001	10	10	525.00
O46865	P0345	4	4	1050.00
O19003	P0345	2	2	1050.00
O19003	P06734	1	1	12000.00
O46866	P07965	1	0	8400.00
O46866	P07975	1	0	1050.00
O19008	P0001	10	5	525.00
O19008	P07975	5	3	1050.00

14 rows in set (0.00 sec)

****
C) EXERCISE ON ALTERING THE TABLE STRUCTURE.
****

1) Add column called 'Telephone' of data type 'number' and size '10' to the 'CLIENT_MASTER' table.

mysql> alter table CLIENT_MASTER add TELEPHONE integer(10);
Query OK, 6 rows affected (0.58 sec)
Records: 6 Duplicates: 0 Warnings: 0

mysql> DESC CLIENT_MASTER;

Field	Type	Null	Key	Default	Extra
CLIENT_NO	varchar(6)	NO	PRI		
NAME	varchar(20)	YES		NULL	
ADDRESS1	varchar(30)	YES		NULL	

```
| ADDRESS2  | varchar(30) | YES |    | NULL   |     |
| CITY      | varchar(15) | YES |    | NULL   |     |
| PINCODE   | int(8)      | YES |    | NULL   |     |
| STATE     | varchar(15) | YES |    | NULL   |     |
| BAL_DUE   | float(10,2) | YES |    | NULL   |     |
| TELEPHONE | int(10)     | YES |    | NULL   |     |
+-----------+-------------+------+-----+---------+-------+
9 rows in set (0.01 sec)
```

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2) Change the size of SellPrice column in PRODUCT_MASTER to 10,2.

```
mysql> alter table PRODUCT_MASTER modify column SELL_PRICE float (10,2);
Query OK, 9 rows affected (0.52 sec)
Records: 9  Duplicates: 0  Warnings: 0

mysql> DESC PRODUCT_MASTER;
+------------------+-------------+------+-----+---------+-------+
| Field            | Type        | Null | Key | Default | Extra |
+------------------+-------------+------+-----+---------+-------+
| PRODUCT_NO       | varchar(6)  | NO   | PRI |         |       |
| DESCRIPTION      | varchar(15) | NO   |     | NULL    |       |
| PROFIT_PERSCENT  | float(4,2)  | NO   |     | NULL    |       |
| UNIT_MEASURE     | varchar(10) | NO   |     | NULL    |       |
| QTY_ON_HAND      | int(8)      | NO   |     | NULL    |       |
| REORDER_LVL      | int(8)      | NO   |     | NULL    |       |
| SELL_PRICE       | float(10,2) | YES  |     | NULL    |       |
| COST_PRICE       | float(8,2)  | NO   |     | NULL    |       |
+------------------+-------------+------+-----+---------+-------+
8 rows in set (0.00 sec)
```

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3) Destroy the table CLIENT_MASTER along with its data.

```
Mysql> DROP TABLE CLIENT_MASTER;

mysql> desc CLIENT_MASTER;
ERROR 1146 (42S02): Table 'ASS_1_to_4.CLIENT_MASTER' doesn't exist
```

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4) Change the name of the SALESMAN_MASTER to SMAN_MAST.

```
mysql> rename table SALESMAN_MASTER to Sman_mast;
Query OK, 0 rows affected (0.04 sec)


mysql> show tables;
+----------------------+
```

```
| Tables_in_ASS_1_to_4 |
+---------------------+
| CLIENT_MASTER       |
| PRODUCT_MASTER      |
| SALES_ORDER         |
| SALES_ORDER_DETAILS |
| Sman_mast           |
+---------------------+
5 rows in set (0.00 sec)
```

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D) Write appropriate SQL statements for the following:
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1) Create a simple index idx_Prod on product cost price from the Product Master Table.

```
mysql> CREATE INDEX idx_Prod ON PRODUCT_MASTER (COST_PRICE);
Query OK, 0 rows affected (0.17 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> show index from PRODUCT_MASTER;
+----------------+------------+----------+--------------+-------------+----------+-------------+----------+--------+------+------------+---------+---------------+
| Table          | Non_unique | Key_name | Seq_in_index | Column_name | Collation | Cardinality | Sub_part | Packed | Null | Index_type | Comment | Index_comment |
+----------------+------------+----------+--------------+-------------+----------+-------------+----------+--------+------+------------+---------+---------------+
| PRODUCT_MASTER |          0 | PRIMARY  |            1 | PRODUCT_NO  | A        |           9 |     NULL | NULL   |      | BTREE      |         |               |
| PRODUCT_MASTER |          1 | idx_Prod |            1 | COST_PRICE  | A        |           9 |     NULL | NULL   |      | BTREE      |         |               |
+----------------+------------+----------+--------------+-------------+----------+-------------+----------+--------+------+------------+---------+---------------+
2 rows in set (0.00 sec)
```

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2) Create View on Order_No, Order_Date, Order_Status of the sales_order table and productNo. ProductRate and QTYOrdered of Sales_Order_Details.

```
mysql> CREATE VIEW vw_Sal_Ord AS
    -> SELECT s.ORDER_NO, s.ORDER_DATE, sod.PRODUCT_NO,
sod.PRODUCT_RATE, sod.QTY_ORDERED, s.ORDER_STATUS    -> FROM
SALES_ORDER s, SALES_ORDER_DETAILS sod WHERE s.ORDER_NO =
sod.ORDER_NO;
Query OK, 0 rows affected (0.08 sec)


mysql> desc vw_Sal_Ord;
```

```
+--------------+-------------+------+-----+---------+-------+
| Field        | Type        | Null | Key | Default | Extra |
+--------------+-------------+------+-----+---------+-------+
| ORDER_NO     | varchar(6)  | NO   |     | NULL    |       |
| ORDER_DATE   | date        | NO   |     | NULL    |       |
| PRODUCT_NO   | varchar(6)  | YES  |     | NULL    |       |
| PRODUCT_RATE | float(10,2) | YES  |     | NULL    |       |
| QTY_ORDERED  | int(8)      | YES  |     | NULL    |       |
| ORDER_STATUS | varchar(10) | YES  |     | NULL    |       |
+--------------+-------------+------+-----+---------+-------+
6 rows in set (0.00 sec)

mysql> select * FROM vw_Sal_Ord;
+----------+------------+------------+--------------+-------------+--------------+
| ORDER_NO | ORDER_DATE | PRODUCT_NO | PRODUCT_RATE | QTY_ORDERED | ORDER_STATUS |
+----------+------------+------------+--------------+-------------+--------------+
| O19001   | 2004-06-12 | P0001      |       525.00 |           4 | In Process   |
| O19001   | 2004-06-12 | P07965     |      8400.00 |           2 | In Process   |
| O19001   | 2004-06-12 | P07885     |      5250.00 |           2 | In Process   |
| O19002   | 2004-06-25 | P0001      |       525.00 |          10 | Cancelled    |
| O19003   | 2004-04-03 | P0345      |      1050.00 |           2 | Fulfilled    |
| O19003   | 2004-04-03 | P06734     |     12000.00 |           1 | Fulfilled    |
| O19008   | 2004-05-24 | P0001      |       525.00 |          10 | In Process   |
| O19008   | 2004-05-24 | P07975     |      1050.00 |           5 | In Process   |
| O46865   | 2004-02-18 | P07868     |      3150.00 |           3 | Fulfilled    |
| O46865   | 2004-02-18 | P07885     |      5250.00 |           3 | Fulfilled    |
| O46865   | 2004-02-18 | P0001      |       525.00 |          10 | Fulfilled    |
| O46865   | 2004-02-18 | P0345      |      1050.00 |           4 | Fulfilled    |
| O46866   | 2004-05-20 | P07965     |      8400.00 |           1 | Cancelled    |
| O46866   | 2004-05-20 | P07975     |      1050.00 |           1 | Cancelled    |
+----------+------------+------------+--------------+-------------+--------------+
14 rows in set (0.00 sec)
```

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3) Create a Sequence inv_seq with the following parameters. Increment by 3, cache 4 and which generates the number from 1 to 9999 in acending order.