Lab 6

MySQL returned an empty result set (i.e. zero rows). (Query took 0.4066 seconds.)

CREATE TABLE SALESMAN (SALESMAN_ID INT(4), NAME VARCHAR(20), CITY VARCHAR(20), COMMISSION VARCHAR(20), PRIMARY KEY (SALESMAN_ID))

[Edit inline] [Edit] [Create PHP code]

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.3470 seconds.)

CREATE TABLE CUSTOMER (CUSTOMER_ID INT, CUST_NAME VARCHAR(20), CITY VARCHAR(20), GRADE INT, SALESMAN_ID INT, PRIMARY KEY (CUSTOMER_ID), foreign key(SALESMAN_ID) REFERENCES SALESMAN(SALESMAN_ID) ON DELETE SET NULL)

[Edit inline] [Edit] [Create PHP code]

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.4008 seconds.)

CREATE TABLE ORDERS (ORD_NO INT(5), PURCHASE_AMT FLOAT, ORD_DATE DATE, CUSTOMER_ID INT, SALESMAN_ID INT, PRIMARY KEY (ORD_NO), foreign key(CUSTOMER_ID) REFERENCES CUSTOMER(CUSTOMER_ID) ON DELETE CASCADE, foreign key(SALESMAN_ID) REFERENCES SALESMAN(SALESMAN_ID) ON DELETE CASCADE)

[Edit inline] [Edit] [Create PHP code]

SALESMAN:

←]	- →	∇	SALESMAN_ID	NAME	CITY	COMMISSION
	Ø Edit ♣ Co	oy 🥥 Delete	1000	JOHN	BANGALORE	25 %
	Ø Edit № Cop	oy 🥥 Delete	2000	RAVI	BANGALORE	20 %
	Ø Edit ♣ Co	oy 🥥 Delete	3000	KUMAR	MYSORE	15 %
	Ø Edit ₃ Cop	oy 🥥 Delete	4000	SMITH	DELHI	30 %
	Ø Edit ♣ Co	oy 🥥 Delete	5000	HARSHA	HYDERBAD	15 %

CUSTOMER:

← → ▼	CUSTOMER_ID	CUST_NAME	CITY	GRADE	SALESMAN_ID
Zedit 1 Copy Delete	10	PREETHI	BANGALORE	100	1000
☐ Ø Edit ¾ Copy Delete	11	VIVEK	MANGALORE	300	1000
Zedit 1 Copy Delete	12	BHASKAR	CHENNAI	400	2000
☐ Ø Edit ♣ Copy Delete	13	CHETHAN	BANGALORE	200	2000
☐ Ø Edit ♣ Copy Delete	14	MAMATHA	BANGALORE	400	3000

ORDERS:

←T→	$\overline{}$	ORD_NO	PURCHASE_AMT	ORD_DATE	CUSTOMER_ID	SALESMAN_ID
☐ Ø Edit ♣ Copy	Delete	50	5000	2017-05-04	10	1000
□ 🖉 Edit 💤 Copy	Delete	51	450	2017-01-20	10	2000
☐ Ø Edit ♣ Copy	Delete	52	1000	2017-02-24	13	2000
☐ 🖉 Edit 👫 Copy	Delete	53	3500	2017-04-13	14	3000
☐ 🥜 Edit 👫 Copy	Delete	54	550	2017-03-09	12	2000

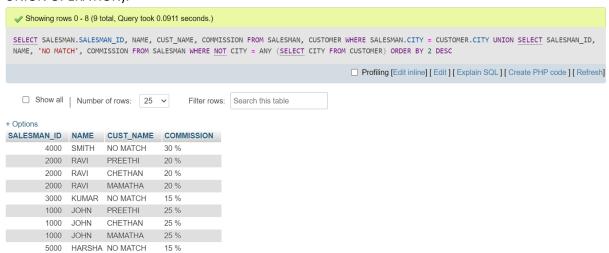
• Count the customers with grades above Bangalore's average.



• Find the name and numbers of all salesmen who had more than one customer.

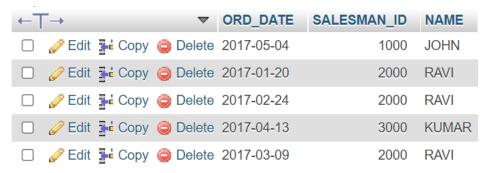


• List all salesmen and indicate those who have and don't have customers in their cities (Use UNION OPERATION).



Create a view that finds the salesman who has the customer with the highest order of a day.

```
✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1604 seconds.)
CREATE VIEW ELITSALESMAN AS SELECT B.ORD_DATE, A.SALESMAN_ID, A.NAME FROM SALESMAN A, ORDERS B WHERE A.SALESMAN_ID = B.SALESMAN_ID AND B.PURCHASE_AMT = (SELECT MAX(PURCHASE_AMT) FROM ORDERS C WHERE C.ORD_DATE = B.ORD_DATE)
[Edit inline] [Edit] [ Create PHP code ]
```



 Demonstrate the DELETE operation by removing salesman with id 1000. All his orders must also be deleted.

