

Exercises: Creating database and tables, 5p

This exercise is preparation for the next exercises. You will need these tables in the next exercises. You can use MySQL Workbench.

Return either a

- a document containing SQL commands for each task
- or screenshots from MySQL Workbench showing that you have done the exercises

1. Create database called mybusiness. 1p
2. Create following tables with data. Be careful when creating these tables as you need them in the next exercises. 4p.

salesman

- salesman_id (int type, primary key, autoincrement)
- name and city (varchar type)
- commission is decimal type (Decimal(10,2)). Decimal (10,2) means that there are max 10 digits in the number and two decimals

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5005	Pit Alex	London	0.11
5006	Mc Lyon	Paris	0.14
5007	Paul Adam	Rome	0.13
5003	Lauson Hen	San Jose	0.12
5010	Ben Johnson	San Jose	0.13
5011	Sam Lawson	Santiago	0.11

customer

- customer_id (int, primary key, auto increment)
- cust_name and city (varchar)
- grade and salesman_id (int)

salesman_id is foreign key to salesman salesman_id column

customer_id	cust_name	city	grade	salesman_id
3002	Nick Rimando	New York	100	5001
3007	Brad Davis	New York	200	5001
3005	Graham Zusi	California	200	5002
3008	Julian Green	London	300	5002
3004	Fabian Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	100	5003
3003	Jozy Altidor	Moscow	200	5007
3001	Brad Guzan	London	300	5005
3010	Marion Cameron	San Jose	300	5010

orders (order is reserved word and cannot be used as table name)

- ord_no (int, primary key, not null)
- purch_amt (decimal)
- ord_date (date)
- customer_id (int)
- salesman_id (int)

customer_id is foreign key to customer customer_id column

salesman_id is foreign key to salesman salesman_id column

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	2012-10-05	3005	5002
70009	270.65	2012-09-10	3001	5005
70002	65.26	2012-10-05	3002	5001
70004	110.5	2012-08-17	3009	5003
70007	948.5	2012-09-10	3005	5002
70005	2400.6	2012-07-27	3007	5001
70008	5760	2012-09-10	3002	5001
70010	1983.43	2012-10-10	3004	5006
70003	2480.4	2012-10-10	3009	5003
70012	250.45	2012-06-27	3008	5002
70011	75.29	2012-08-17	3003	5007
70013	3045.6	2012-04-25	3002	5001
70014	1786.4	2012-06-25	3004	5006