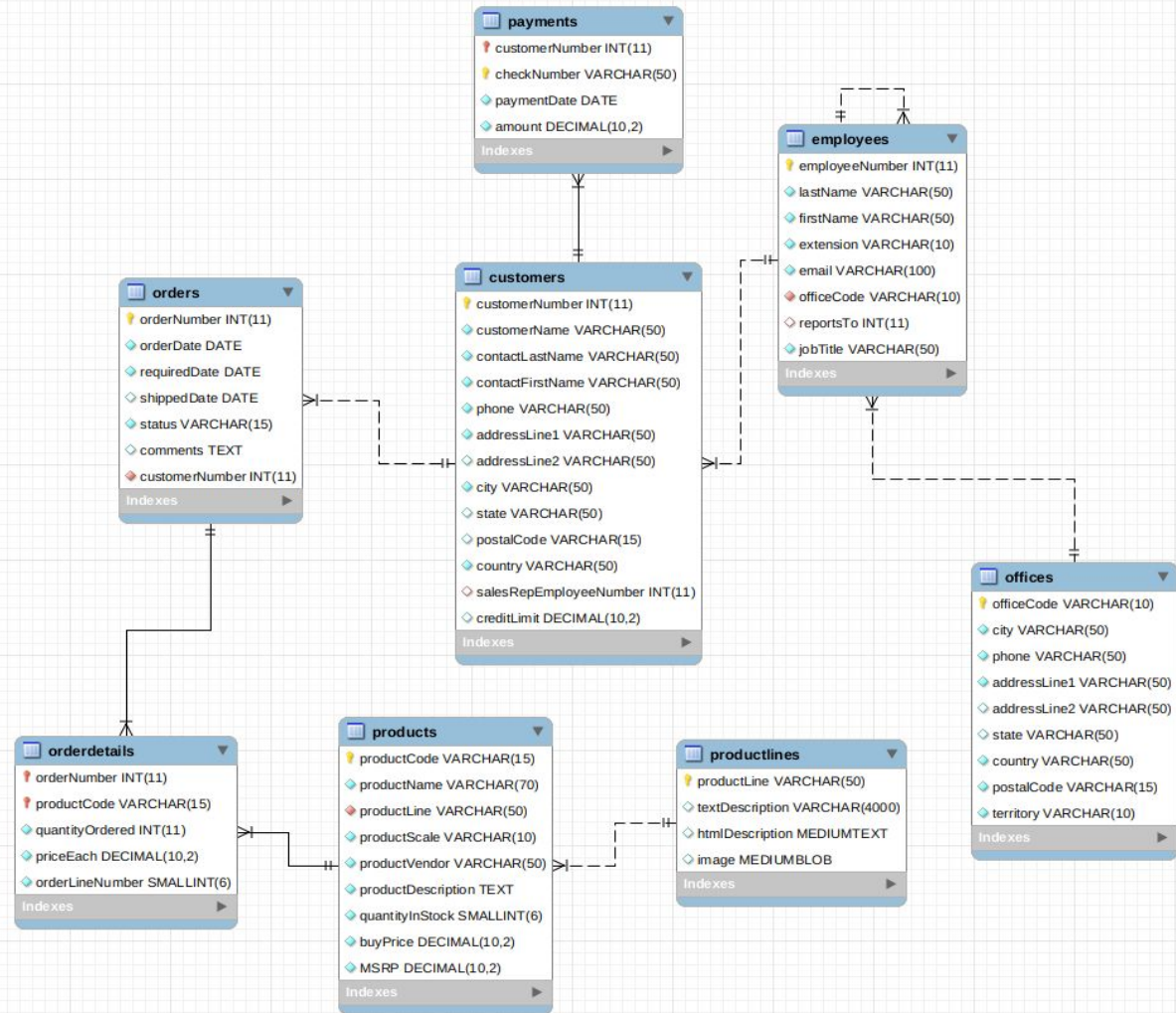


Have a look at the *classicmodels* database.

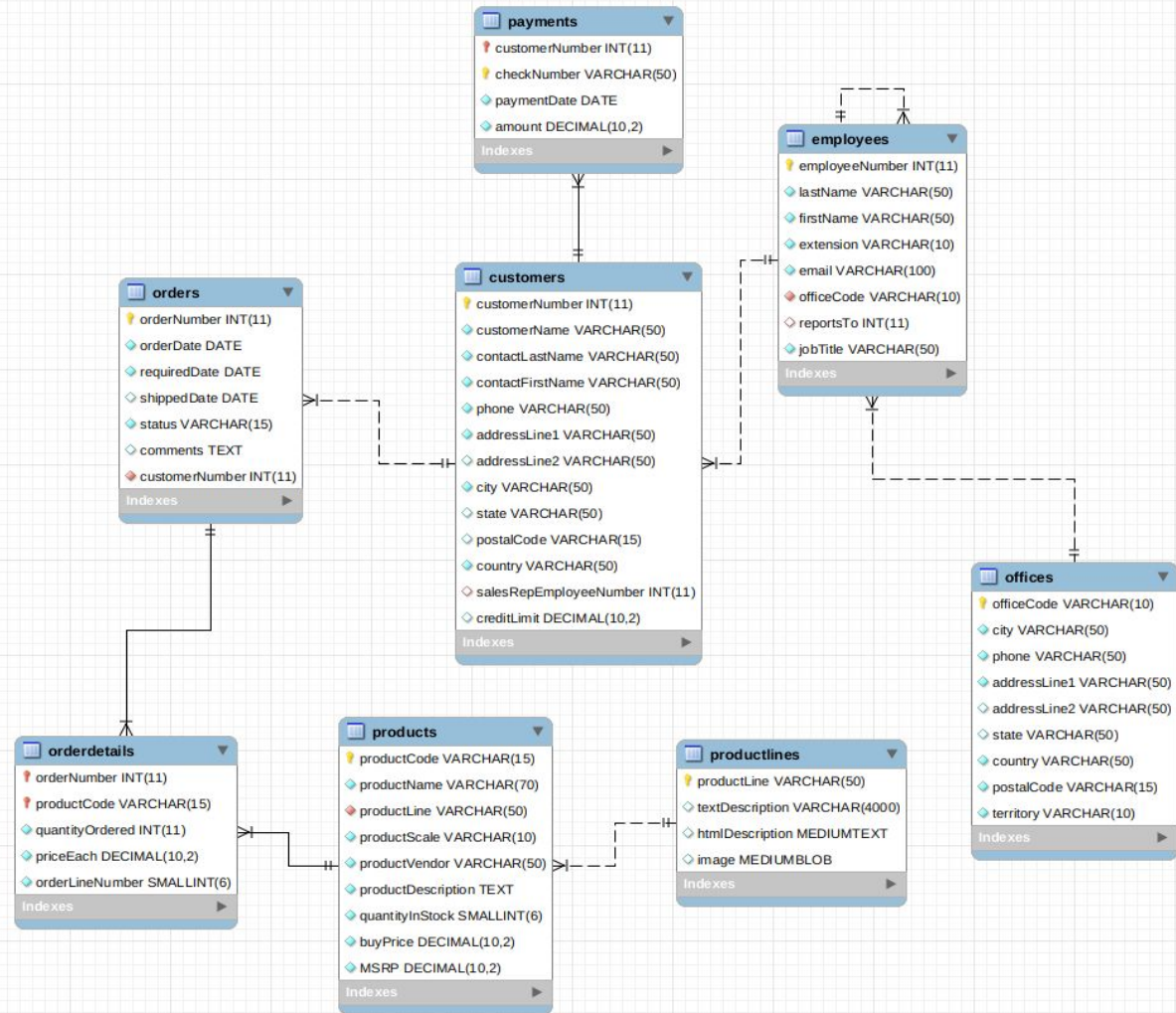
1. What type of data is stored as INT, VARCHAR, DECIMAL, DATE? Example?
2. What are the relationship among the tables: customers, orders, orderdetails, product and productlines (One-to-one, one-to-many, many-to-many, in pair)?



Easy mode

Using *classicmodels* database:

1. Select all *customers*
2. Select all *customers* living in USA
3. Select a *customer* named Jonas
4. Select name of an *employee* named "Diane"
5. Select all *employees* who reportTo 1002
6. Select all *orders* in March, 2003
7. Select all *orders* from *customer* whose number is 121
8. Select all *product* related to "car"



Hardcore mode

Using *classicmodels* database:

1. Optimize these 2 query
 - Select name of an *employee* named "Diane"
 - Select all *employees* who reportTo 1002

Target: Select all *employees* who reportTo [name]

2. What if the company want to divide the customers into 2 group: potential and non-potential base on how much they spend? Submit your solution.
3. Select all customers who bought "1972 Alfa Romeo GTA"

