# Exercises about Entity FrameWork Core

* Solve them in Visual Studio.

## Exercise 24.01

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|  | A good starting point is 12003-a.  Study the commands and the code. |
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* Starting point is the database cpADONET.
* This example has 2 tables with a relation in between.
  + A product has a category.
  + A category has multiple products.
* Generate the Context and Classes.
* Write some code to add data to the tables.
* Write some code to query the data from the database.

## Exercise 24.02

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|  | A good starting point is 12003-a.  Study the commands and the code. |
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* Starting point is the database cpBeerAndUser.
  + A beer has a brewer.
  + A brewer has multiple beers.
  + A beer has a kind of beer.
  + A kind of beer has multiple beers.
  + A user has a favorite beer.
  + A favorite beer can have multiple users.
* Generate the Context and Classes.
* Write some code to add data to the tables.
* Write some code to query the data from the database.

## Exercise 24.03

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|  | A good starting point is 12003-a.  Study the commands and the code. |
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* Starting point is the database Chocolate.
* The principle is the same, but there are a lot more tables.
  + Some relations are more to more, that are actual 2 1 to more relations, because a intermediate table is used.
* Generate the Context and Classes.
* Write some code to add data to the tables.
* Write some code to query the data from the database.

## Exercise 24.04

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|  | A good starting point is 12003-a.  Study the commands and the code. |
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* Starting point is the database Hotel.
* This is the exercise you have created on the exam of Databases.
  + You have created the database structure.
* Generate the Context and Classes.
* Write some code to add data to the tables.
* Write some code to query the data from the database.