

4. A. C. Publisher

Agatha Christie is still among the most popular novelists. A.C. Publisher specialises on publishing her novels. The works are published in Hungarian and in English in a common volume. The database contains detective novels and orders placed for them.

1. Create a new database with name *acpublisher*. Import the supplied files (*novel.txt*, *order.txt*) into the database with names corresponding to the file names. The files are UTF-8 encoded text files tagged by tabs, their first line contains the field names. Add a unique key *id* to table **order**. Upon creation set the suitable types and the key.

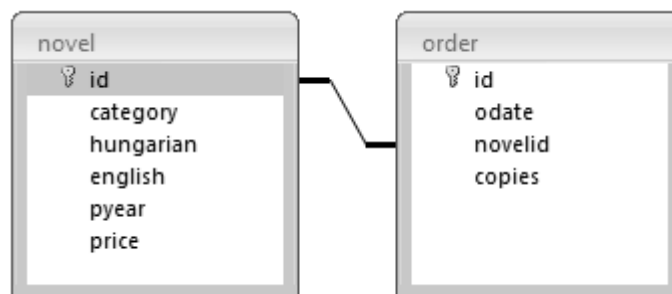
Tables:

novel (*id, category, hungarian, english, pyear, price*)

<i>id</i>	the identifier of the novel (number), this is the key
<i>category</i>	the category of the novel (text), if Hercule Poirot or Miss Marple appears in the story, then names Poirot or Marple appear, otherwise it is blank (there is no work where both of them appear)
<i>hungarian</i>	the Hungarian title of the novel (text)
<i>english</i>	the original, English title of the novel (text)
<i>pyear</i>	the year of the first English publishing (number)
<i>price</i>	the current price of the novel (number)

order (*id, odate, novelid, copies*)

<i>id</i>	the identifier of the order (autonumber), this is the key
<i>odate</i>	the date of the order (date)
<i>novelid</i>	the identifier of the ordered novel (number)
<i>copies</i>	the number of ordered copies (number)



In the solution of the following exercise parts save the queries with the names given in brackets. In the queries pay attention to displaying only the required fields and do not display other fields.

2. Create a query that displays the Hungarian title of the novels written before 1945 in alphabetical order. (**21945**)
3. Create a query that lists the novels whose Hungarian or English title contains Poirot's name. Display the Hungarian and the English titles. (**3poirot**)
4. Create a query that gives which Miss Marple story was written first by Agatha Christie. Display the English title of the work. (**4marple**)
5. Create a query that gives the number of works written by Agatha Christie in which neither Poirot nor Miss Marple appears. (**5number**)
6. Create a query that gives the income of the publisher up to now. (**6income**)

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7. Of each work the number of copies printed in advance was set so that if at least 750 copies are sold, the expenses are recovered. Using a query, determine the Hungarian title and the number of copies sold of works that have already exceeded this limit. (*7recovered*)
 8. We ordered book “*Az alibi*”, but it is already on our bookshelf. The publisher gladly exchanges it for another book, but it must have exactly the same price. Create a query that lists the Hungarian title of the works that we can choose from. (*8alibi*)

20 marks

Sources:

1. Agatha Christie

http://upload.wikimedia.org/wikipedia/hu/b/b5/Joan_Hickson.jpg
http://hu.wikipedia.org/wiki/Miss_Marple
http://upload.wikimedia.org/wikipedia/hu/a/ac/180px-Suchet_Poirot.jpg
http://hu.wikipedia.org/wiki/Hercule_Poirot
http://hu.wikipedia.org/wiki/Agatha_Christie