



Sailboat

Access

Files *hajo.txt* and *tura.txt* with UTF-8 encoding contain the traffic data of a sailboat rental.

1. Create a new database with name *berles*. Import the attached data tables that contain the data of the boats and the rentals into the database as ***hajo*** and ***tura***. The data files are in txt format tagged by tabs and their first lines contain the field names.
2. After importing, set the suitable data formats and keys. Do not insert any new field into table ***hajo*** but insert a new field as an identifier into table ***tura***.

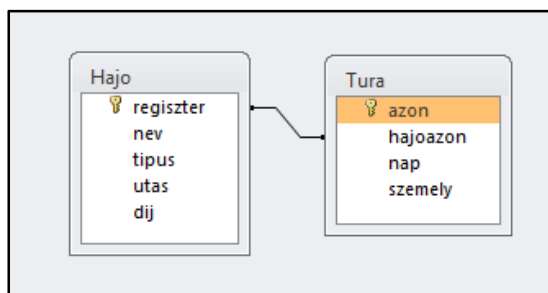
Tables:

hajo (*regiszter*, *nev*, *tipus*, *utas*, *dij*)

<i>regiszter</i>	The boat identifier (number), this is the key
<i>nev</i>	The name of the boat (text)
<i>tipus</i>	The type of the boat (text)
<i>utas</i>	The maximum number of passengers allowed on the boat (number)
<i>dij</i>	The daily rental fee of the boat in HUF (number)

tura (*azon*, *hajoazon*, *nap*, *szemely*)

<i>azon</i>	The identifier of the pass (autonumber), this is the key
<i>hajoazon</i>	The identifier of the rented boat (number)
<i>nap</i>	The number of days of the boat rental (number)
<i>szemely</i>	The number of renters (number)



Create the solutions of the following exercises and save them with the names given in brackets.

3. Using a query, list the names and the daily rental fees of the boats of type "Raider". Do not display any other fields. (**A**)
4. Using a query, give the daily rental fee per person for each boat in the case of the maximum number of passengers allowed. Display the results according to the names of the boats in alphabetical order. (**B**)
5. Using a query, list the rentals longer than 3 days. The list should include the name and type of the boat, the number of days of the rental and the number of renters. (**C**)
6. Using a query, calculate the income produced by each boat based on the data. In the list, the name of each boat should appear only once and the income should appear next to the name, that is, summarise the number of rental days multiplied by the rental fee. (**D**)
7. Create an updating (data modifying) query that increases the daily rental fee of sailboats of type "B16" whose daily fee is less than 25 000 HUF by 5%. (**E**)
8. Create a report that displays the names of the boats, the maximum number of passengers allowed and the daily rental fees grouped according to types, in alphabetical order according to names. (**F**)