



Ship Timetable

Access

The ship timetable on Lake Balaton is at our disposal in file *menetrend.txt* .

1. Create a new database named **hajo**. Import the supplied data file into the database with name **menetrend**.
2. Upon importing, set the proper data formats. Add a new field with name *azon* as a unique identifier to the table, this field serves as key.

Table:

menetrend (*azon, jarat, honnan, hova, indul, erkezik*)

<i>azon</i>	The identifier of the route between two ports (autonumber), this is the key
<i>jarat</i>	The identifier or the ship line (string)
<i>honnan</i>	The departure port of the voyage (string)
<i>hova</i>	The arrival port of the voyage (string)
<i>indul</i>	Departure time from the port (time)
<i>erkezik</i>	Arrival time to the port (time)

Create the solution of the following exercises. Save the solutions with the names given in brackets.

3. Display the timetable of ship line J1. Display the departure and arrival ports together with the times. **(A)**
4. List the ports towards which ships depart from Balatonfüred between 11 hours 30 minutes and 12 hours 30 minutes (inclusive). **(B)**
5. Using a query, determine the number of ships arriving at the harbours in a day. The list should consist of the name of the port and the number of ships arriving at the port, arranged into decreasing order based on the latter value. **(C)**
6. Give the time of the arrival of the last ship at Balatonföldvár. **(D)**
7. Find the arrival port of line E2 and the time of arrival. **(E)**
8. Create a report based on table *menetrend*. The report should display fields *honnan, hova, indul* and *erkezik*. Field *honnan* and within that field *hova* should form an elevated group (section)! **(F)**