Dictionary Access

Emma and her friends began an interesting experiment: they create an electronic Hungarian-English dictionary. During their translation work they register those English words (together with their Hungarian meaning) into a dictionary program that are not included in it already. They do the same if they meet another meaning of a word that is already in their dictionary. They check the words of the continuously expanding dictionary regularly and evaluate the registries of the others. They register how many of them approve and disapprove of the meaning of a word. You have to work with the data of the database created this way, which forms the background of the dictionary program.

1. Create a new database with name *szotar*. Import the provided data table, file *szolista.txt* into the database with the same name as the file name (***szolista***). The file has encoding UTF-8, it is tagged by tabs, the first line contains the field names. Upon creation set the suitable types. Add a unique key azon to the ***szolista*** table.

Table

szolista *(azon, magyar, angol, felvetel, helyes, helytelen)*

azon	the identifier of the word pair (autonumber), this is the key
magyar	the English member of the word pair, the English meaning (text)
angol	the Hungarian member of the word pair, the Hungarian meaning (text)
felvetel	the date of registration of the word pair into the dictionary database (date)
helyes	the number of those who approved of the word pair (number)
helytelen	the number of those who disapproved of the word pair (number)

When you solve the following exercises, save the queries with the names given in brackets. Pay attention to displaying exactly the required fields and expressions in the solution, do not display other fields.

2. Create a query that displays the English words for which some Hungarian meaning was approved by at least 150 people or disapproved by less than 5 people. (**2jo**)
3. Create a query that lists the English words whose Hungarian equivalent is written in exactly the same way as the English one. (**3egyezo**)
4. Create a query that gives the average number of people who evaluated the English words starting with letter “a”. (**4atlagos**)
5. Create a query that gives the time of the first registration of the English word “***warp***” into the database. (**5warp**)
6. Create a query that gives the English words of the database that have at least 3 Hungarian meanings. (**6min3**)
7. Using a query create table ***helyes*** that contains the English-Hungarian word pairs that were approved by at least 100 more people than they was disapproved by. (**7helyes**)
8. Create a report that groups the English-Hungarian word pairs by the day of registration and within the groups display them in the alphabetical order of the English meaning. (**8naponta**)