

Within this work, an educational web application was created for practicing database queries using SQL language. The website consists of four main parts - SQL hřiště, Úkoly, Diskusní fórum and Test. Students are free to experiment with the database in the SQL hřiště. In the Úkoly section, they have a variety of tasks to practice SQL queries. Each task has its own assignment and students can write the solution. After submitting the solution, they will find out whether their solution was correct or not. In the Diskusní fórum section, they can see a practical example of using SQL queries. In the Test section, students can practice tasks of the teacher's choice. The Test section allows teachers to add their own tasks, create task sets and easily share them with students. Thanks to the use of a local database there is no need for students to register anywhere, making the application easy to use in schools. Pilot testing has been carried out, which has shown that the application is functional, but it would still be advisable to test the application in the classroom with secondary school students.