

Java Exam Assignment

Connect to mySQL database

URL = jdbc:mysql://vsrvfeia0h-64.vsb.cz:3306/students_db
USER = student
PASSWORD = we_love_java

Download records from the table *students*

Table *students* is defined as follows:

Field	Type	Null	Key	Default	Extra
id	char(7)	NO	PRI	NULL	
first_name	varchar(50)	NO		NULL	
last_name	varchar(50)	NO		NULL	
email	varchar(100)	YES	UNI	NULL	
java_exam	tinyint unsigned	YES		NULL	

Create Java desktop applications

- Application allows to **scan** downloaded records forward and backward. It is possible to move to the first and last record.
- Application allows to **update** number of points for Java Exam (0 – 100). The change is updated in *students_db*.

The screenshot shows a Java desktop application window titled "Professor Application". It features a light gray background and standard macOS window controls (red, yellow, green buttons) in the top-left corner. The application displays a form for student information with the following fields and values:

- ID: BOU0086
- First Name: Dhakir
- Last Name: Boulmechaour
- Email: dhakir.boulmechaour.st@vsb.cz
- Java Exam: 0

Below the "Java Exam" field is a button labeled "Update". At the bottom of the window, there are four navigation buttons: "<<", "<", ">", and ">>".