

User Guide

The application uses a database called H2 to store all the quiz data. For a user to use this application, they have to download the H2 database before running the application from their terminal.

Application Setup

Step 1: setup H2 database:

1. Download h2 at: <http://www.h2database.com/html/download.html>
2. Unzip the downloaded file, go to bin/ and click on file:
 - for Windows users: h2.bat
 - for Linux / Mac users: h2.sh

* Note: Mac users may be prompted to update application Xcode when trying to open the h2 file

Step 2: run H2:

1. Open your terminal window and enter

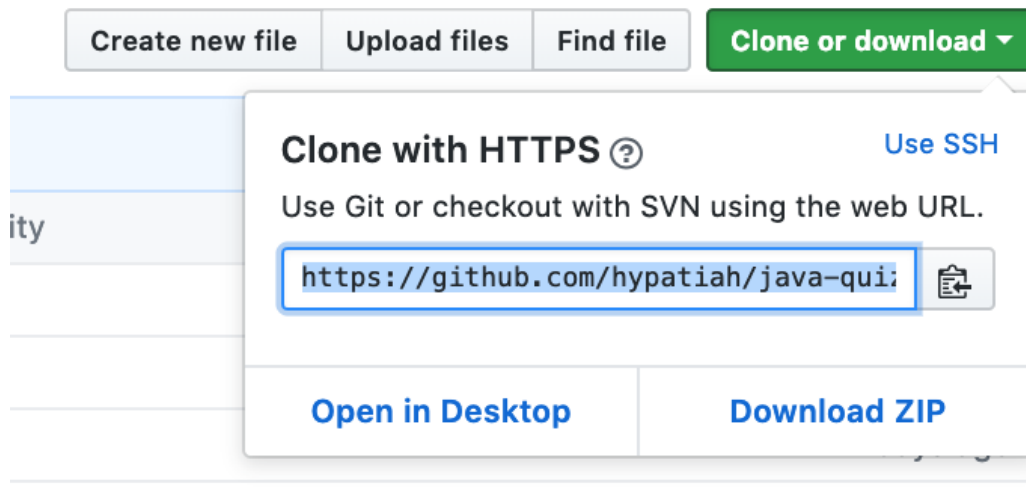
```
$ cd ~/downloads/h2/bin/
(or {other filepath your downloaded h2 file is in}/h2/bin)
```
2. Then `$ sh` (or try `$ sh h2.sh`)

Step 3: download Eclipse IDE for java EE developers

Download Eclipse IDE for java EE developers here with your specific OS file:
<https://www.eclipse.org/downloads/packages/>

Step 4: download Java-Quiz-Manager source code from GitHub repository

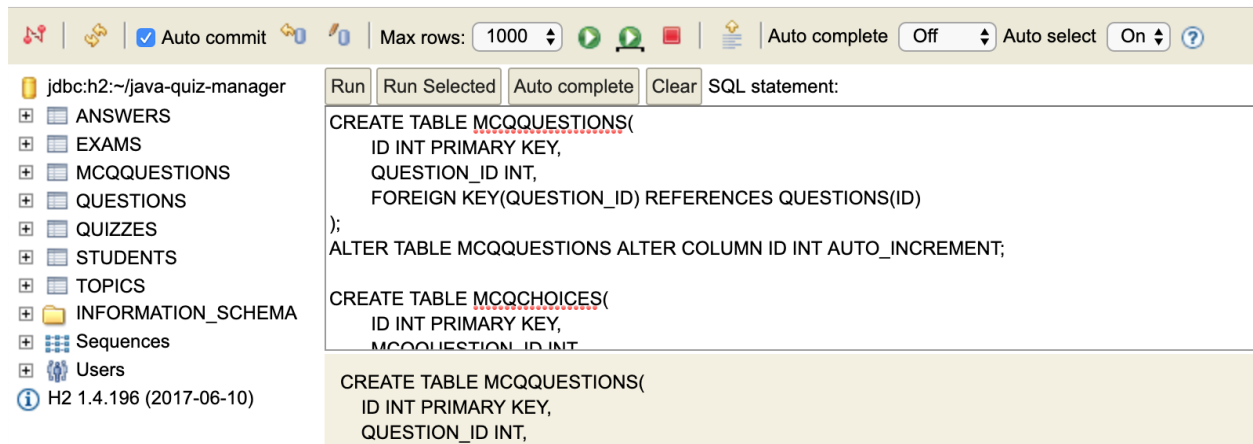
1. Go to: <https://github.com/hypatiah/java-quiz-manager>
2. Copy the link in Clone or Download using HTTPS (use SSH if you have your ssh key setup with github for technical users)



3. Go to your terminal and enter: `$ git clone {copied_repo_url}`
ex: `$ git clone https://github.com/hypatiah/java-quiz-manager.git`

Step 5: create SQL tables and run Java-Quiz-Manager in Eclipse

1. Open the java-quiz-manager project in Eclipse
2. Copy/paste the SQL statements in java-quiz-manager/sql/create_model_tables.sql file. Then paste them in the H2 Console in your browser like the image below and click 'Run' to run the statements. This will create the tables needed to run the application.



3. Return back to java-quiz-manager project in Eclipse. Right click on the src/fr/epita/main/Main.java file in the left hand tab and select 'Run as Java Application'. The console that appears is the interface with the java-quiz-manager (for now before we can upgrade to a GUI)

To view the JavaDoc

In your terminal, cd to the project directory:

```
$ cd {your-file-path}/java-quiz-manager
```

```
$ open javadoc/index.html
```

This will open a browser window to interface with the java documentation