INSTALLATION AND COMPILATION NOTICE

Setting up the quiz program

1.1 Installing the pre-requisites

The quiz program requires

- 1. Java JRE 1.8 and JDK 1.8
- 2. IDE (Eclipse) as it is a console application
- 3. H2 database (jar used h2-1.4.197.jar)

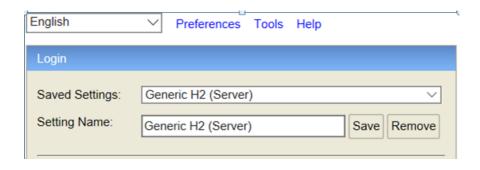


- 1.2 Import the program from Github into Eclipse https://github.com/abhinayadurgi/JavaFundamental_Quiz.git
- 1.3 Setup the backend

Download H2 database and install it. Give the credentials. Test the connection

Use the same settings:

Generic H2 (Server)



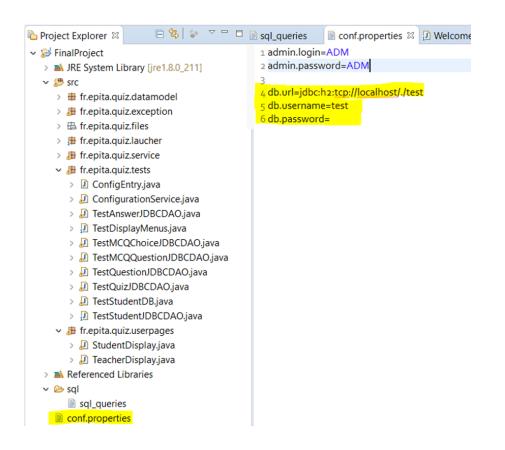
Server mode

These are the parameters used in the program.



If your credentials are different, these changes must be made in the program.

In the program, the database connection details are stored in the conf.properties file. Edit the conf.properties file with your credentials



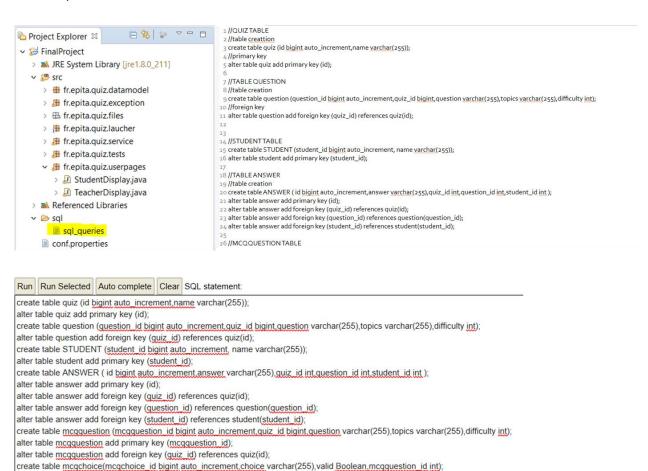
1.4 Creating the tables

There is a sql_queries file in the folder SQL

alter table mcqchoice add primary key (mcqchoice id);

alter table mcqchoice add foreign key (mcqquestion_id) references mcqquestion(mcqquestion_id);

Run the queries in the same order in the H2 console to create the tables.



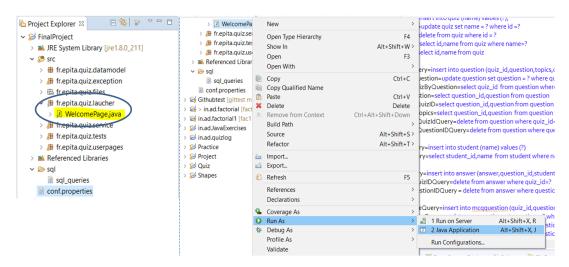
LAUNCHING THE PROGRAM

The main method of the program is in the launcher package of the project

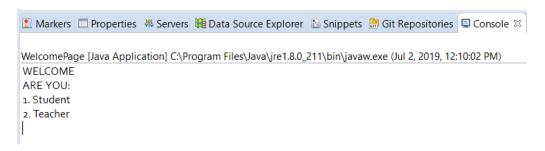
The class with the main method is called WelcomePage.java

Run this class to launch the program

Right Click on the WelcomePage.class -> Run As -> Java Application



It displays the welcome page on running the application



Enter your choice

Note: When the program is first executed, the tables are empty and do not have data. The data must be entered by the user. So Create quiz, open questions and MCQ questions before taking a quiz.

If there is a problem with the database connection, an error message is displayed the program is terminated. Please check connections and try again.

1
Enter name:
Hagrid
Problem connecting to the database
Please check connections and try again