

USER GUIDE DOCUMENT

Fundamental Java Project – Quiz Manager



By,

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Admin Role:

- Login as Admin to perform create, update and delete operations with following credentials
 - Username: **ADM**
 - Password: **ADM**
- After login, you will see options to like
 - Create Quiz
 - Search Quiz
 - Delete Quiz
 - Export Quiz

Select any option by entering and proceed.

For Create Quiz, Admin can add the Questions with their Multiple-Choice Options and the correct answer and then create with Difficulty and the Topic Selected.

For Search Quiz, Admin can search Quiz based on the Quiz and then select the Question from the List and then update the fields accordingly.

For Delete quiz, Admin can delete the Entire quiz based on the Quiz.

For Export Quiz, Admin can export the Quiz into PDF format with list of Questions and Answers

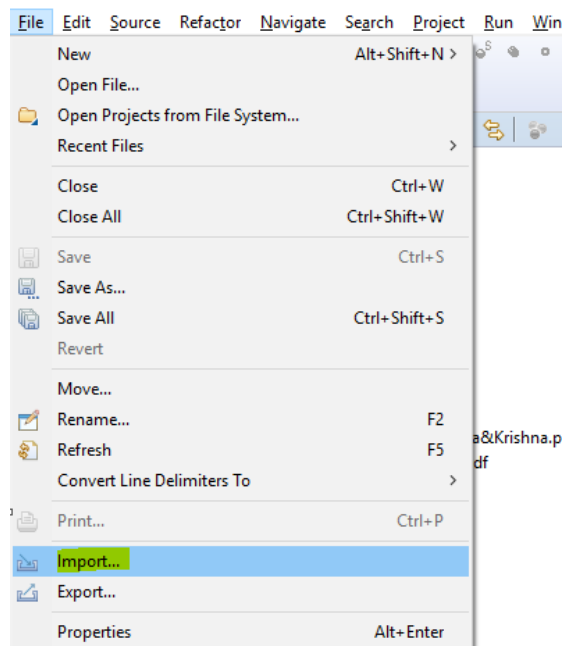
- Each option will have respective function which will be affected in database.
- Kindly make sure you enter the correct option number which is listed in the options list because any key other than it may interrupt the program execution.
- Admin will only have the access to see those create, edit and delete options whereas student will only able to see the quiz or attempt the quiz.

Candidate Role:

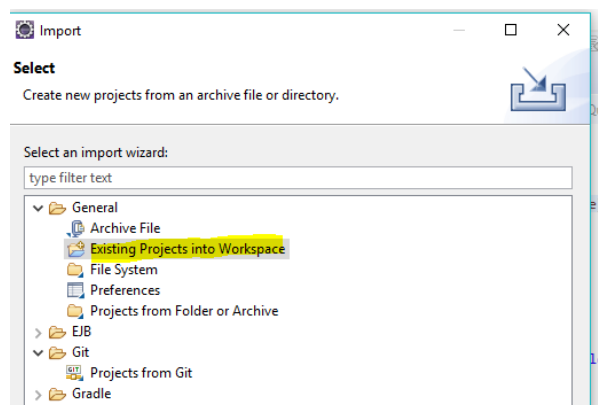
- If Candidate is new User, then he can register with his details, then Enter the name as username and password and in the login screen.
- After login, Candidate can choose the Quiz based on the Topic and Difficulty
- Candidate select the level of difficulty
 - Easy as 1
 - Medium as 2
 - Hard as 3
- Candidate will now be able to see quiz screen where sequence of questions will be displayed one by one after you answer questions.
- Candidate can select the correct answer for each question and then record to save the input, then go to Next.
- Once Quiz has ended, the Score will be displayed at the end of the quiz.

Compilation and Installation Steps

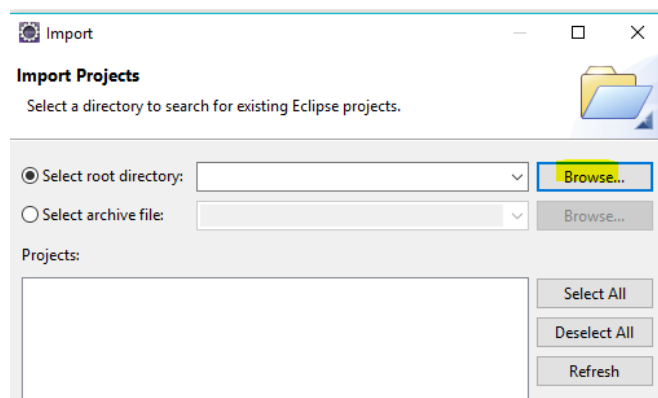
1. Open Eclipse → Go to File → Select Import



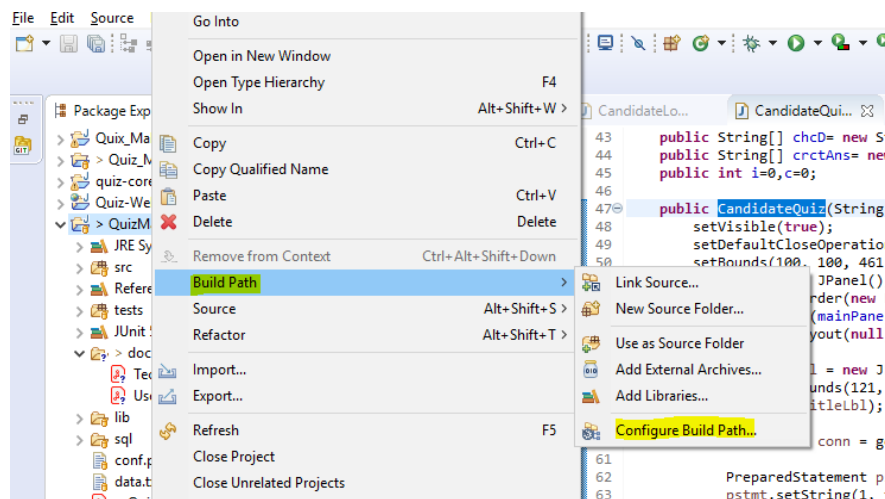
2. Click on General → Choose Existing projects into workspace



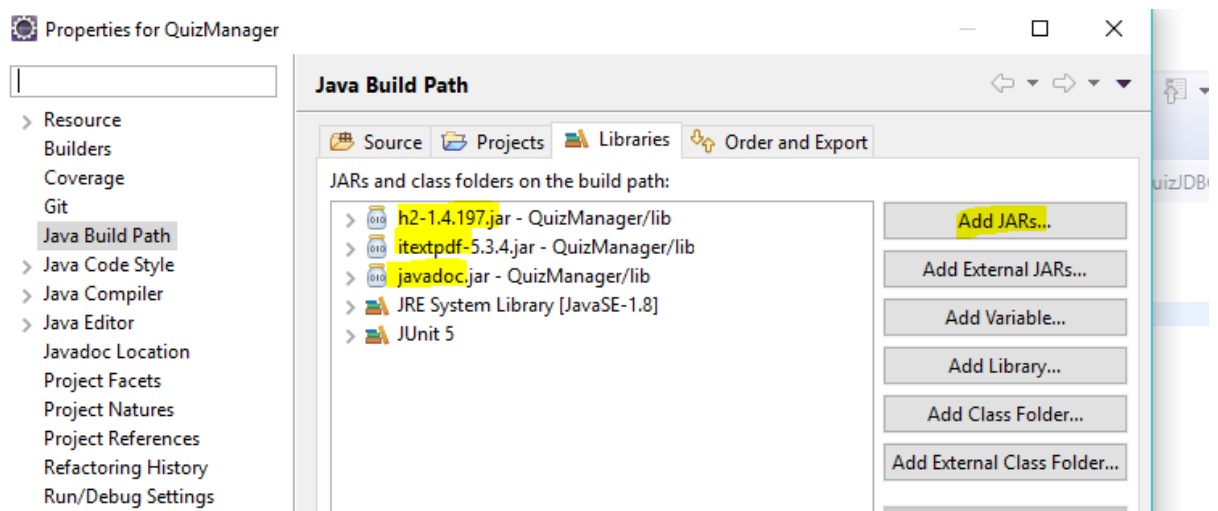
3. Browse for project



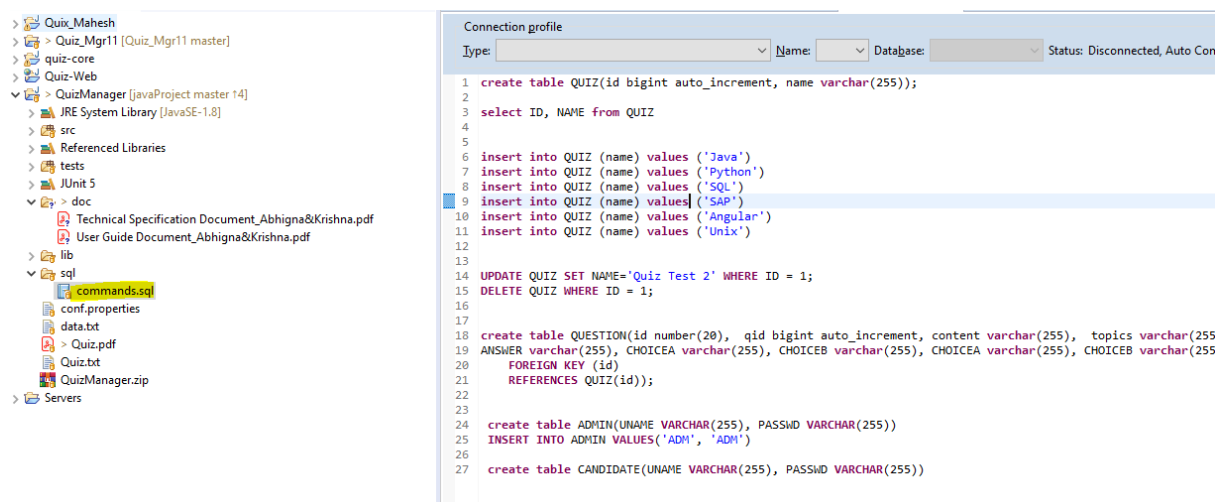
4. Right Click on the Project → go to Build path then configure Build path



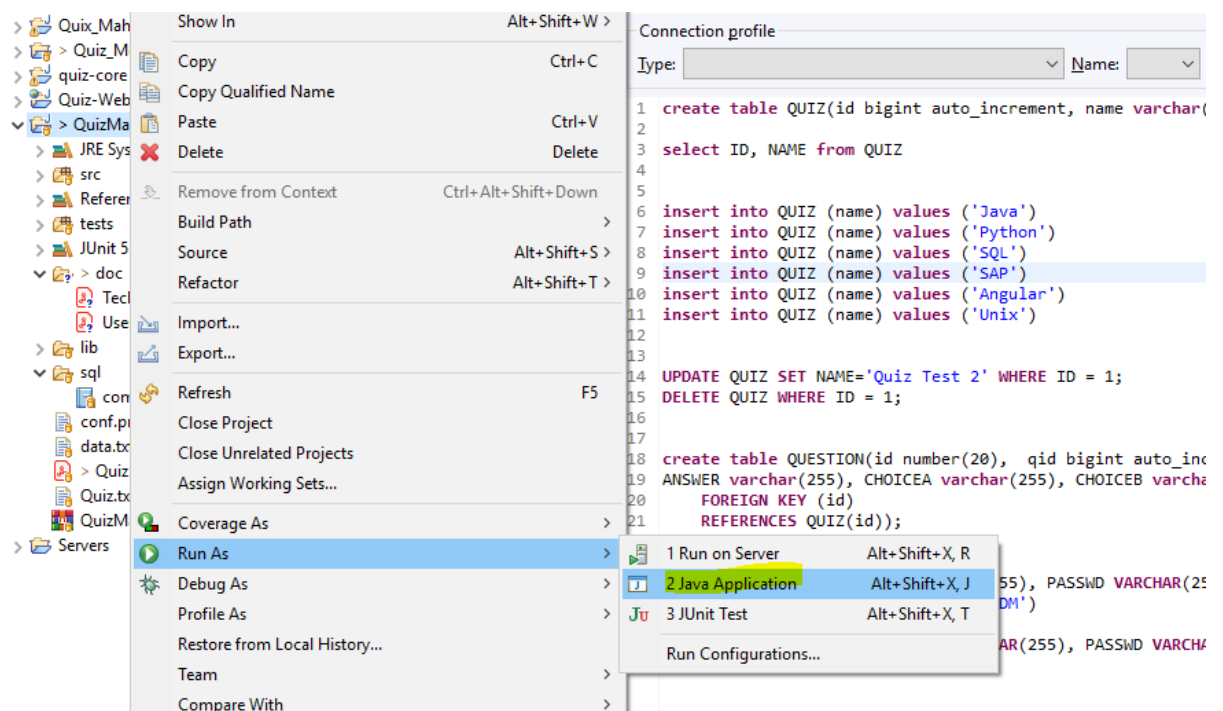
5. Add needed jars into libraries→ Apply and close



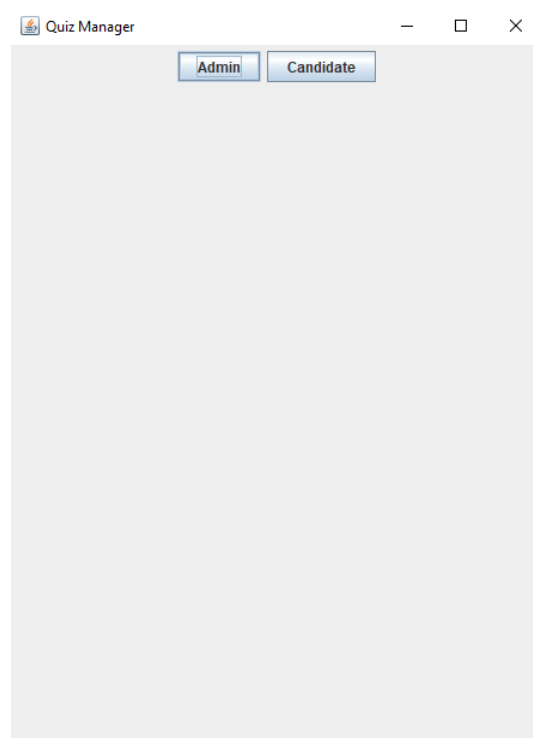
6. Execute the Commands.sql file into H2 Data base



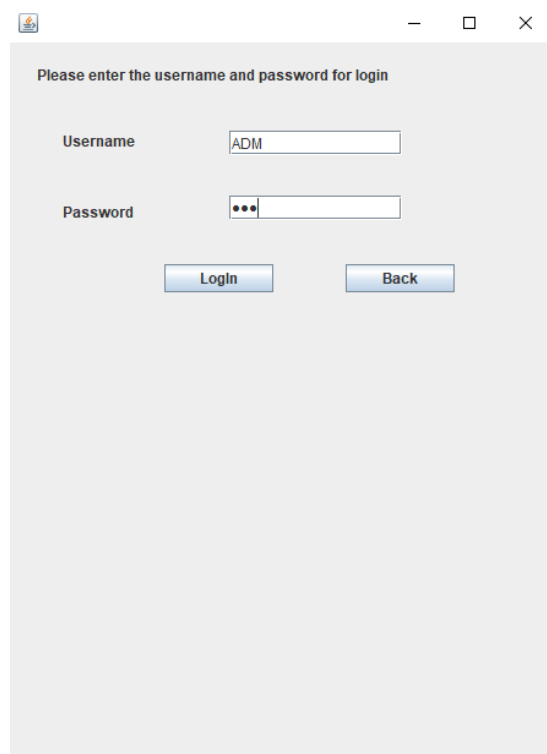
7. Right Click on Project → Run as Java Application to run the programm Main Class



Main Page: Has Admin and Candidate Buttons

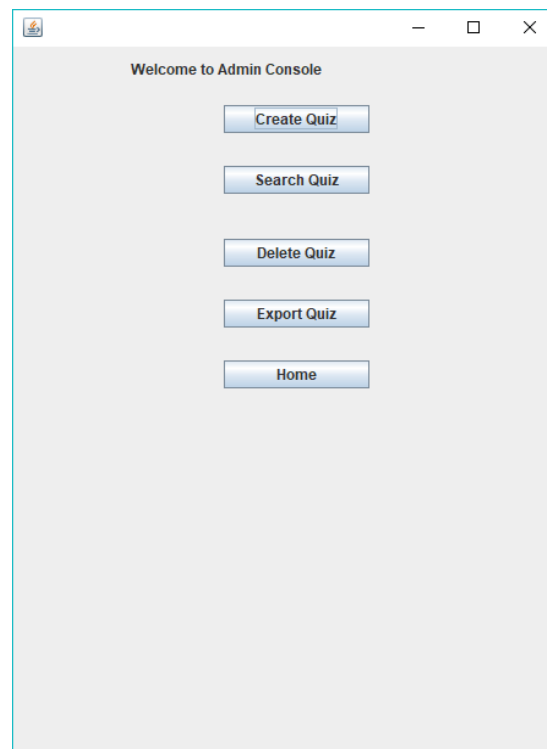


Admin Console : Provided by User name and password (ADM, ADM)

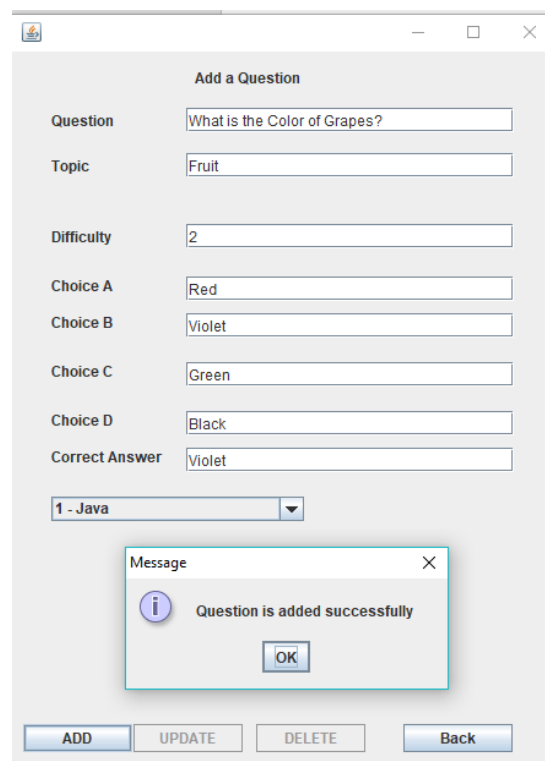


A screenshot of a login window. The window has a title bar with a small icon on the left and standard minimize, maximize, and close buttons on the right. The main content area has a light gray background. At the top, it says "Please enter the username and password for login". Below this, there are two labels: "Username" and "Password". The "Username" label is followed by a text input field containing the text "ADM". The "Password" label is followed by a password input field with three dots indicating masked characters. At the bottom of the form, there are two buttons: "Login" and "Back".

Admin Console - Menu Display



A screenshot of the Admin Console menu display. The window has a title bar with a small icon on the left and standard minimize, maximize, and close buttons on the right. The main content area has a light gray background. At the top, it says "Welcome to Admin Console". Below this, there are five buttons arranged vertically: "Create Quiz", "Search Quiz", "Delete Quiz", "Export Quiz", and "Home".

Create Question

Add a Question

Question:

Topic:

Difficulty:

Choice A:

Choice B:

Choice C:

Choice D:

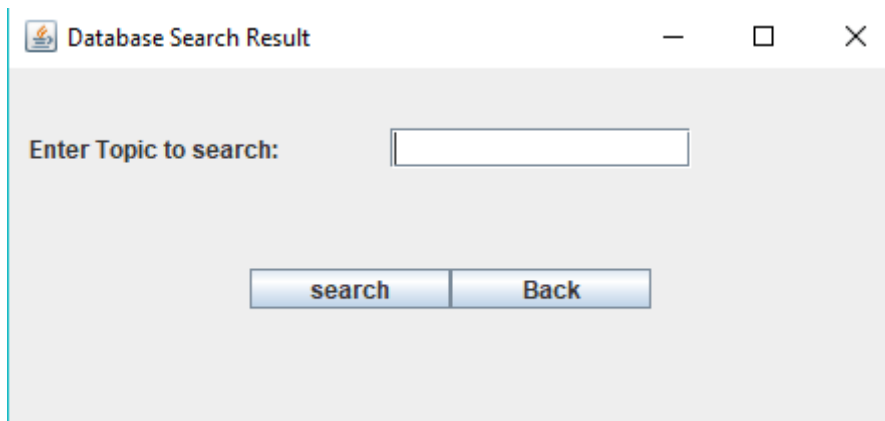
Correct Answer:

1 - Java

Message: Question is added successfully

OK

ADD UPDATE DELETE Back

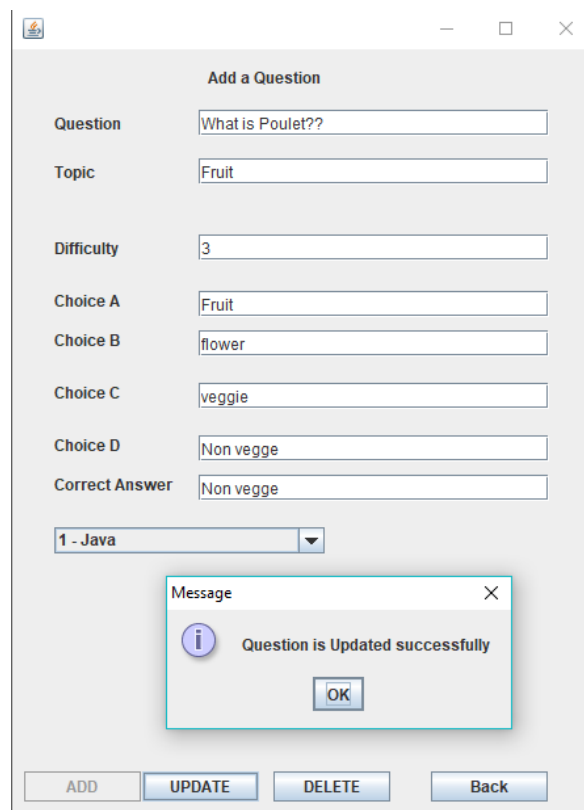
Search Question :

Database Search Result

Enter Topic to search:

search Back

Update Question



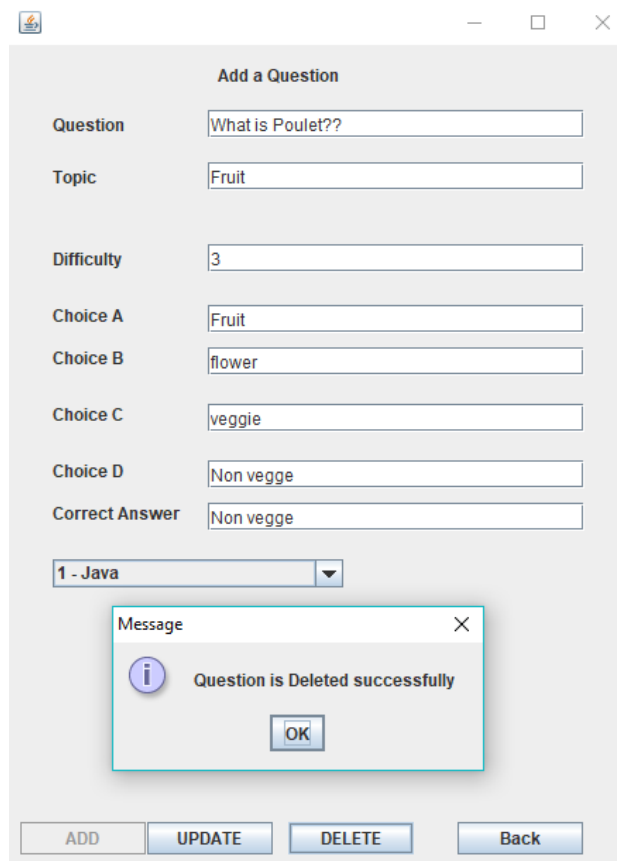
The screenshot shows a web application window titled "Add a Question". The form contains the following fields and values:

- Question: What is Poulet??
- Topic: Fruit
- Difficulty: 3
- Choice A: Fruit
- Choice B: flower
- Choice C: veggie
- Choice D: Non vegge
- Correct Answer: Non vegge
- Dropdown menu: 1 - Java

A modal message box is displayed in the center, stating "Question is Updated successfully" with an "OK" button.

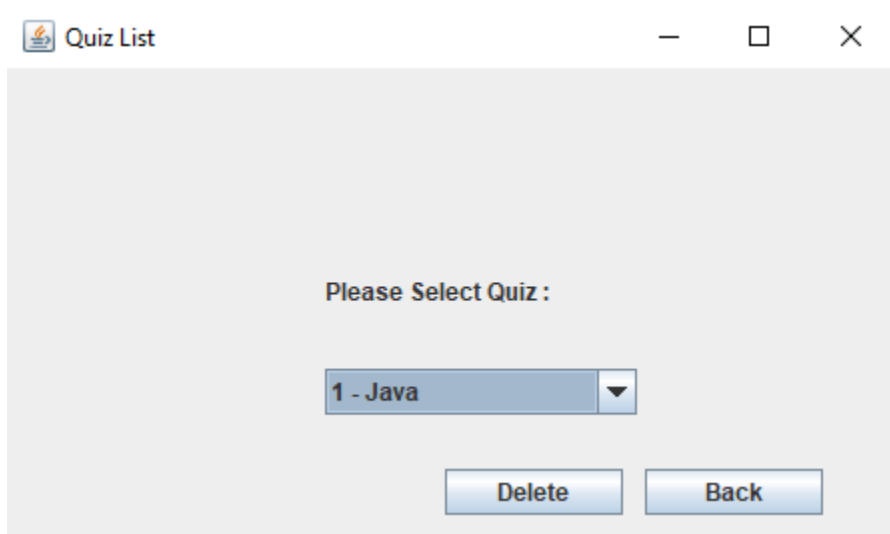
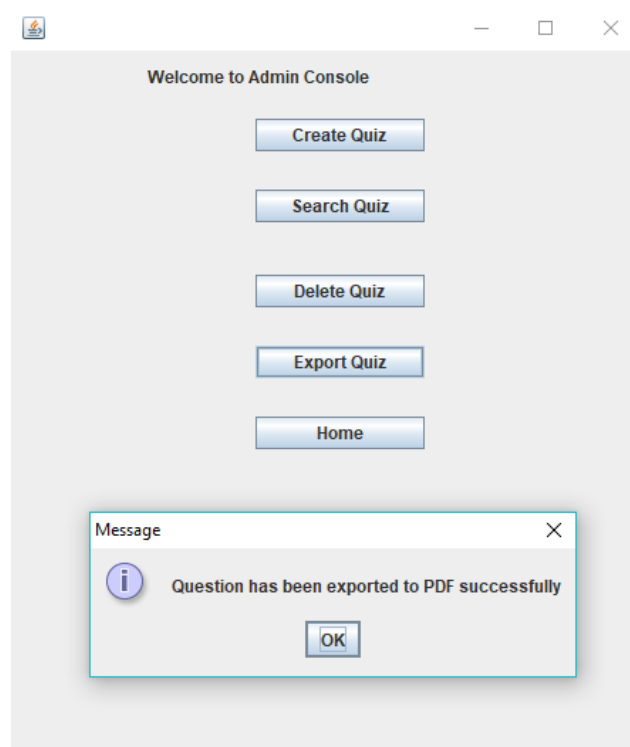
At the bottom of the form, there are four buttons: "ADD", "UPDATE", "DELETE", and "Back".

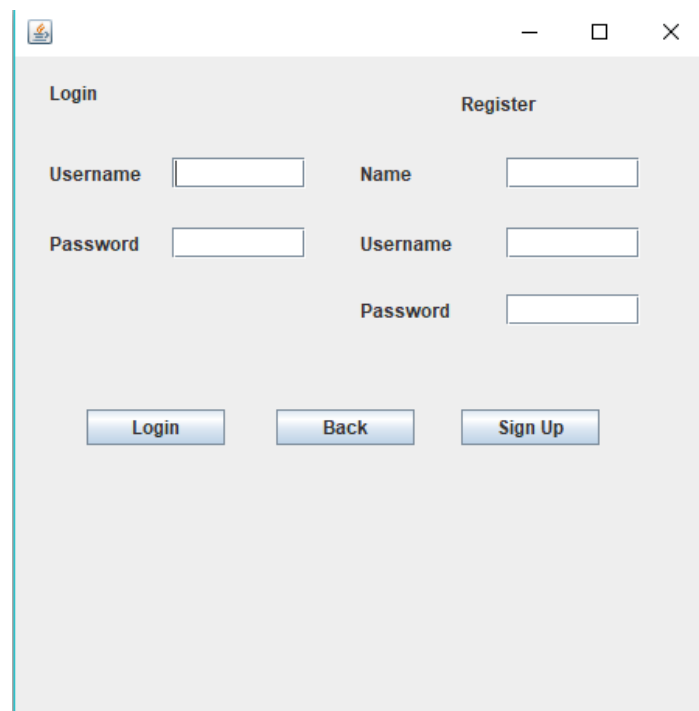
Delete Question



The screenshot shows the same "Add a Question" form as above, but with a modal message box stating "Question is Deleted successfully" with an "OK" button.

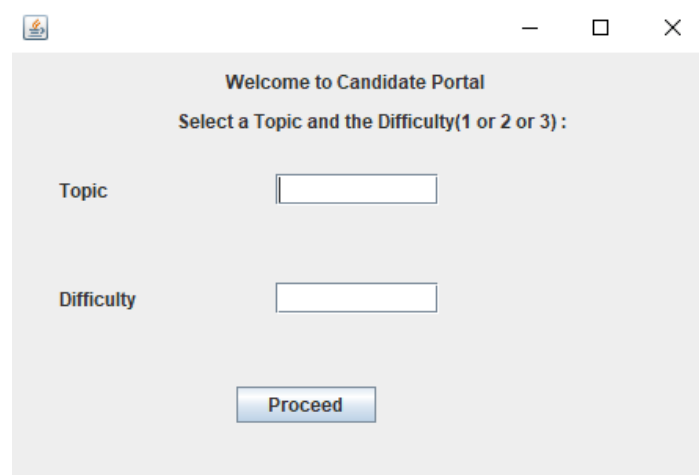
At the bottom of the form, there are four buttons: "ADD", "UPDATE", "DELETE", and "Back".

Delete Quiz Module :**Export Quiz into PDF**

Candidate Module

A screenshot of a web application window titled "Candidate Module". The window has a light gray background and a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is divided into two sections: "Login" on the left and "Register" on the right. The "Login" section contains two input fields: "Username" and "Password". The "Register" section contains three input fields: "Name", "Username", and "Password". Below the input fields, there are three buttons: "Login", "Back", and "Sign Up".

Login		Register	
Username	<input type="text"/>	Name	<input type="text"/>
Password	<input type="text"/>	Username	<input type="text"/>
		Password	<input type="text"/>

Select Quiz based on Topic and Difficulty

A screenshot of a web application window titled "Select Quiz based on Topic and Difficulty". The window has a light gray background and a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area has a title "Welcome to Candidate Portal" and a subtitle "Select a Topic and the Difficulty(1 or 2 or 3) :". Below the subtitle, there are two input fields: "Topic" and "Difficulty". Below the input fields, there is a button labeled "Proceed".

Welcome to Candidate Portal

Select a Topic and the Difficulty(1 or 2 or 3) :

Topic	<input type="text"/>
Difficulty	<input type="text"/>

Quiz Online

The screenshot shows a window titled "Hello kt, Welcome to Quiz Exam". Inside, the question "What is color of Banana??" is displayed. There are four radio button options: "red", "black", "white", and "yellow". The "yellow" option is selected. Below the options are three buttons: "Record", "Next", and "End". A "Message" dialog box is overlaid on the window, containing the text "Your Question has been recorded, Please proceed to next Question" and an "OK" button.

Hello kt, Welcome to Quiz Exam

What is color of Banana??

☐ red

☐ black

☐ white

☒ yellow

Message

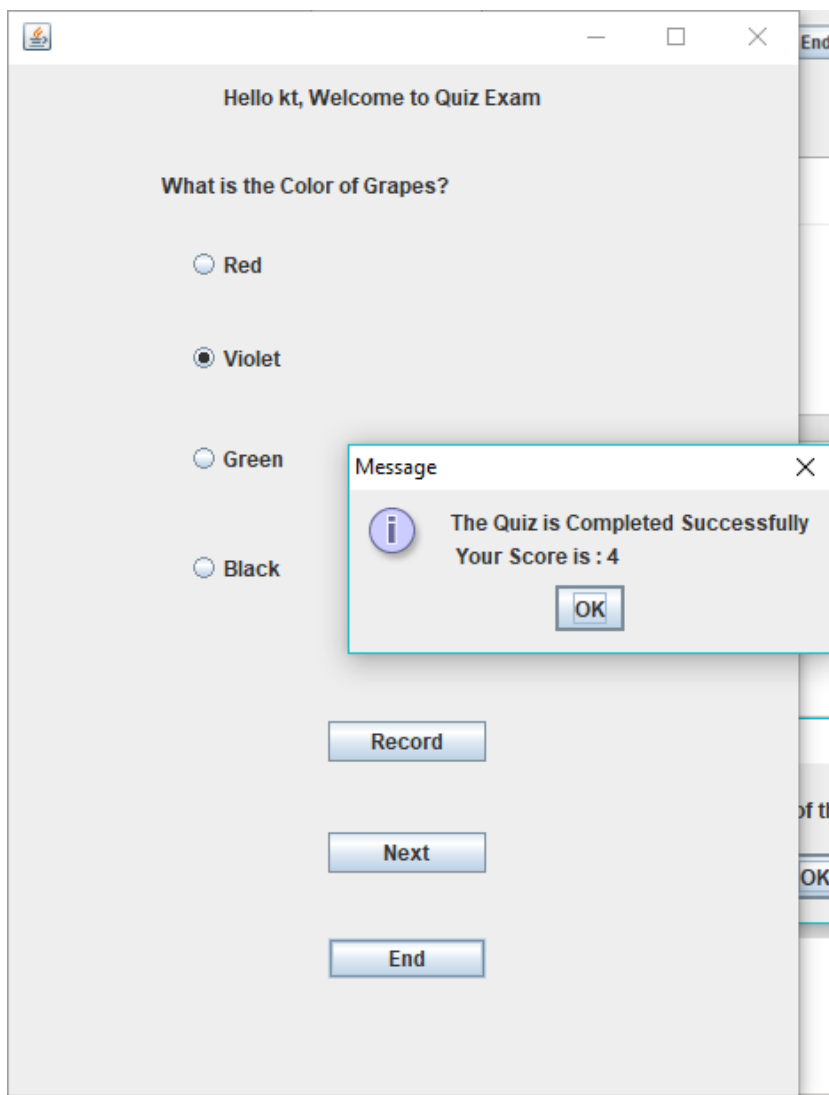
Your Question has been recorded, Please proceed to next Question

Alert after We reach end of quiz.

A "Message" dialog box is shown with the text "You reached to End of the Quiz, Please End your Quiz" and an "OK" button.

Message

You reached to End of the Quiz, Please End your Quiz

End of Quiz

Export PDF of Quiz

Acrobat Document - Adobe Acrobat Reader DC

File Edit View Window Help

Home Tools

Acrobat Document x



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ID	Question	Topic	Difficulty	Answer
34	What is color of Banana??	Fruit	2	yellow
35	What is color of orange??	Fruit	2	orange
36	What is color of guava??	Fruit	2	green
37	What is color of my watch??	gadget	2	black
38	What is color of my phone??	gadget	2	red
39	What is abricot?	Fruit	3	Fruit
41	What is Fish?	Fruit	2	sea food
42	What is Leg?	Fruit	2	leg
43	Who is professor?	Class	2	Prashu
44	Who is first python User ?	[KT]	2	Mahesh
45	What is the Color of Grapes?	Fruit	2	Violet