

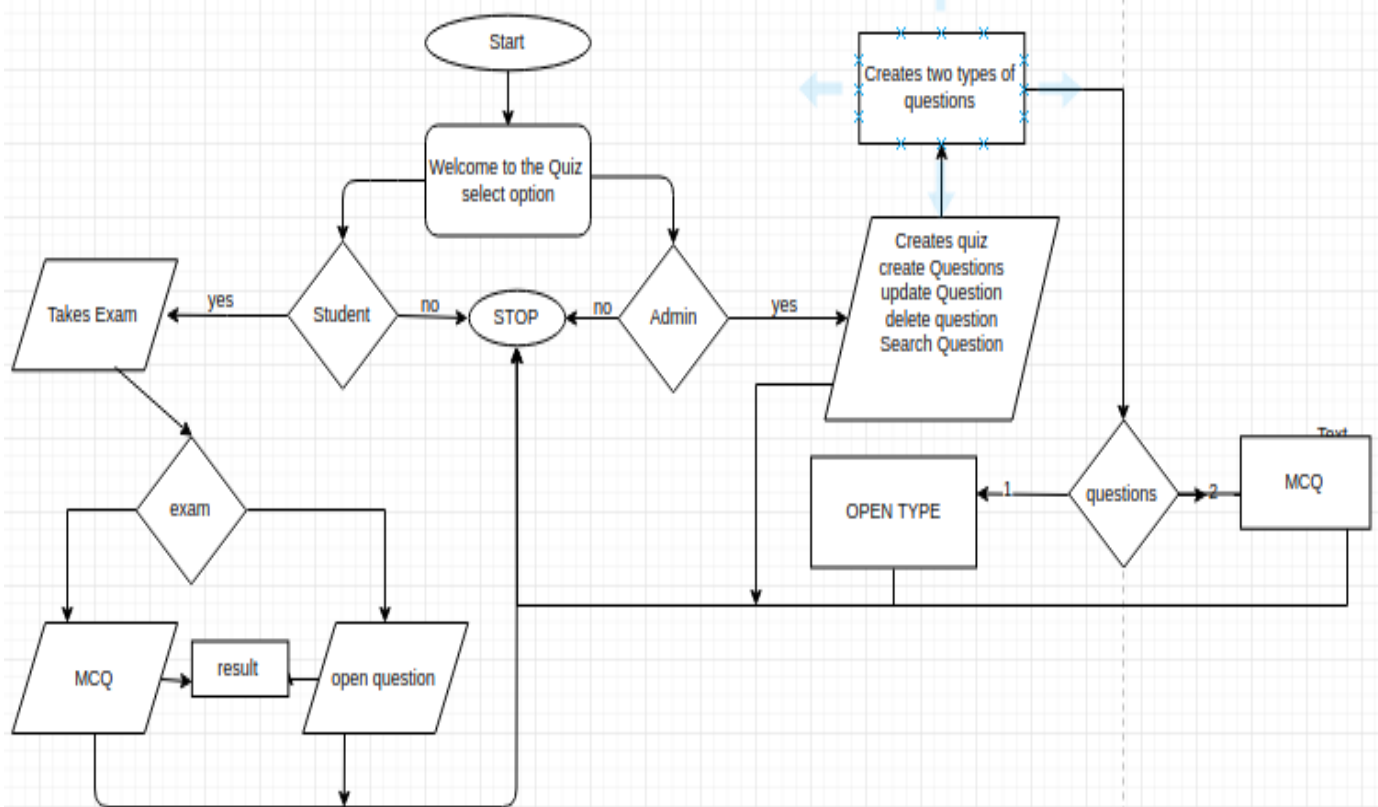
# **Fundamental Java Project: Quiz Manager**

## **Project Title: QUIZ MAKERS AND TAKERS**

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## FLOW CHART



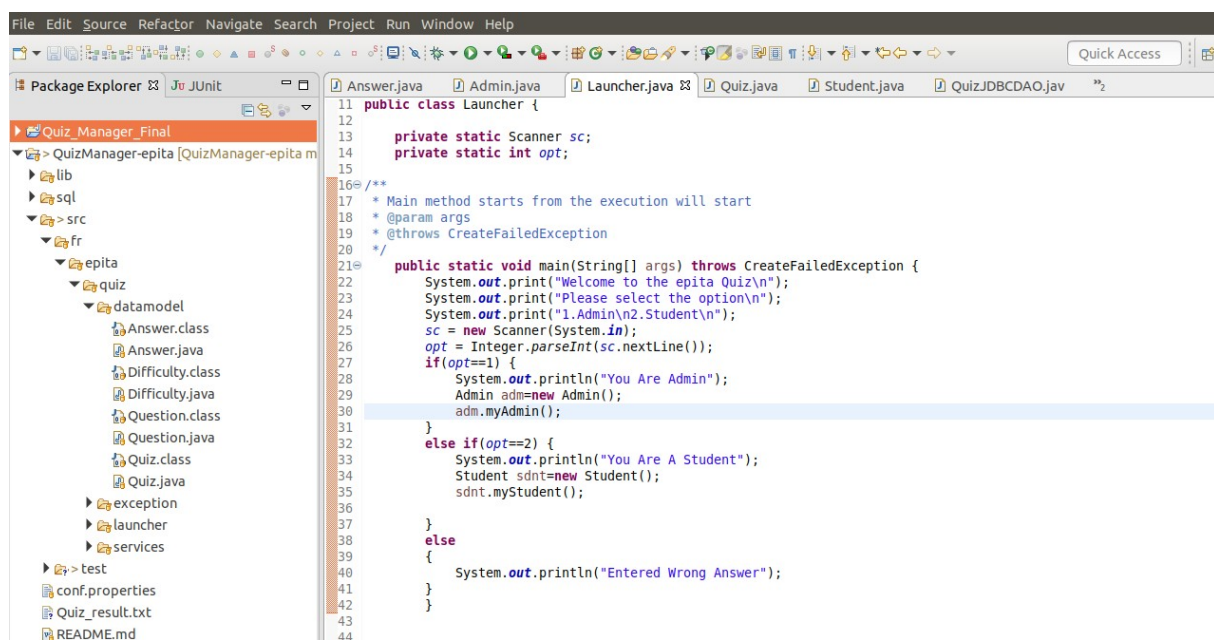
# Fundamental Java Project: Quiz Manager

## Project Title: QUIZ MAKERS AND TAKERS

Please follow the below steps to execute the application and review its functionalities in Eclipse IDE.

**Step 1:** Open Eclipse IDE software in your laptop/ system

**Step 2:** Open the java project Quiz\_Manager\_Final in Eclipse IDE



Please search and right click on the file name **Launcher.java** using the below path,

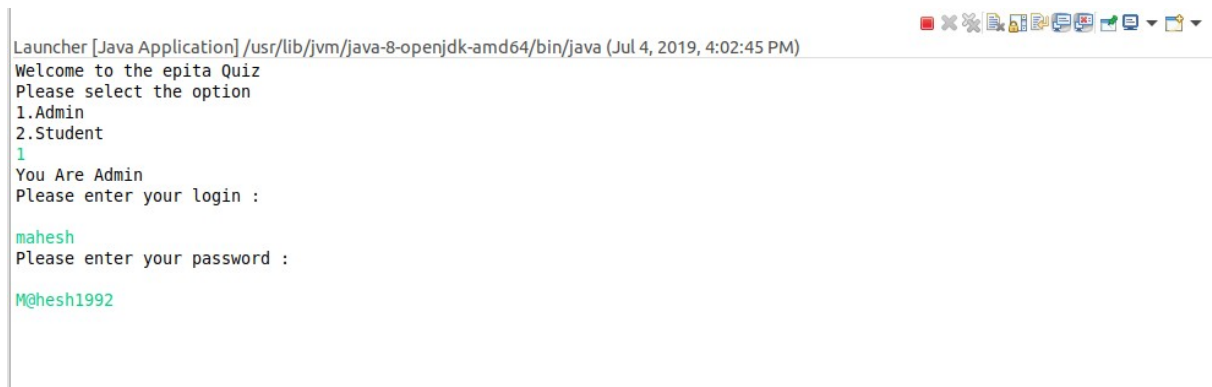
**Quiz\_Manager\_Final** >> **src** >> **fr.epita.quiz.launcher** >> **Launcher.java**

Run the class as java Project

## Module 1

### Admin Module

The console will display the page as below,



```
Launcher [Java Application] /usr/lib/jvm/java-8-openjdk-amd64/bin/java (Jul 4, 2019, 4:02:45 PM)
Welcome to the epita Quiz
Please select the option
1.Admin
2.Student
1
You Are Admin
Please enter your login :
mahesh
Please enter your password :
M@hesh1992
```

Now, in the main menu, please enter the option **'1'** to access the **admin/ menu**, and give user name and password then the following page will be displayed. Then enter the input as **'1'** again to **Create Quiz**, and follow the steps displayed in the below image to successfully create the question.

```
Option not recognized, please enter an other option
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
```

```
1
Please Enter Your Topic
```

```
JAVASCRIPT
Question and Answers are created Successfully.
```

```
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
```

Then, enter the input as '2' again to **Create Question**, and follow the steps displayed in the below image to successfully create the question.

```
Option not recognized, please enter an other option
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
```

```
2
1 JAVA
2 python
3 DATABASE
4 Perl
5 science
6 JAVASCRIPT
7 DataScience
Select Quiz Title ? :
```

```
7
Select the type of question 1.Open Question
2.Multiple Answer
```

now select 1 the options to create open question or multiple choice questions,  
Selected 1 to create open questions

```
6 JAVASCRIPT
7 DataScience
Select Quiz Title ? :
7

Select the type of question 1.Open Question
2.Multiple Answer
1
Welcome to create a Open Question
Enter Question:
what is datascience ?
Enter Topic:
programing
Enter Difficulty:
3
Enter Hint:
datasciene
Enter Actual right Answer:
datascience
```

Now select option to create multiple questions

```

Select the type of question 1.Open Question
2.Multiple Answer
2
Welcome to create a Multiple Question
Enter Question:
what is java main function?
Enter Topic:
programing
Enter Difficulty:
3
Enter Option A:
systemindependent
Enter Option B:
dependent
Enter Option C:
nota
Enter Option D:
allttheabove
Enter Actual right Answer:
systemindependent
Question and Answers are created Successfully.
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :

```

Admin can update the question based on topic and difficulty as follows

```

Question and Answers are created Successfully.
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :

3
Welcome to Update a Question
Enter Topic
programing
Enter Difficulty
3
Enter Old Question
what is datascience ?
Enter New Question
what is the solution for recent data related issues?

```

Admin can delete question based on topic

```
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :
```

```
4
Welcome to Delete a Question
Enter Topic to Delete
programing
Enter Question to delete:
what is java main function?
Question deleted Successfully.
```

Admin can search questions based on topic

```
Question deleted Successfully.
Welcome to Admininstrator Console
1. Create Quiz
2. Create Question
3. Update Question
4. Delete Question
5. Search Question
q. Quit
What is your choice ? (1|2|q) :

5
Welcome to Search a Question
Enter Topic to Search
programing
Questions retrieveid basede on Topics are given below::
what is datascience language ?
```



Admin can Quit from the application by giving q

```
what is datascience language ?  
Welcome to Admininstrator Console  
1. Create Quiz  
2. Create Question  
3. Update Question  
4. Delete Question  
5. Search Question  
q. Quit  
What is your choice ? (1|2|q) :
```

```
q  
Good bye!
```

## Module 2

### STUDENT MODULE

Student taking test

```
Welcome to the epita Quiz  
Please select the option  
1.Admin  
2.Student  
2  
You Are A Student  
Welcome TO THE Quiz  
Please Select TOPIC From Below Options  
1 -- JAVA  
2 -- python  
3 -- DATABASE  
4 -- Perl  
5 -- science  
6 -- JAVASCRIPT  
7 -- DataScience  
8 -- R  
9 -- Documnetum
```

Student selects  
2 to take the  
test

After entering as a student student should select the the option to select the subject, Then user should select the type of quiz

Multiple choice is as below

1

Select the type of question

1.Open Questions

2.Multiple Questions :

2

Question :In which year java is created?

Opti-on A :1992

Option B :1993

Option C :1994

Option D :1991

Enter Your Choice:

1991

Question :what is first java program?

Opti-on A :helloworld

Option B :hiworls

Option C :myworld

Option D :yourworld

Enter Your Choice:

helloworld

Question :what is the common factor in c++ and java?

Opti-on A :opps

Option B :caps

Option C :maps

Option D :locks

Enter Your Choice:

opps

Your Score is :::2

You can check the score with correct answers in text file

User can select open questions as follows

```

1
Select the type of question
1.Open Questions
2.Multiple Questions :
1
Question :what is java ?
Hint :program
Enter Your Answer:
programinglanguage
Question :In which year java is created?
Hint :1991
Enter Your Answer:
1991
Question :what is first java program?
Hint :yourworld
Enter Your Answer:
helloworld
Question :what is the common factor in c++ and java?
Hint :locks
Enter Your Answer:
oops
Your Score is ::1
You can check the score with correct answers in text file

```

The user should give the answer based on hint.  
The final result will be saved in textfile as follows

```

1
2 Question is :what is java ?
3 Correct Anser is :programing
4 Question is :In which year java is created?
5 Correct Anser is :1991
6 Question is :what is first java program?
7 Correct Anser is :helloworld
8 Question is :what is the common factor in c++ and java?
9 Correct Anser is :oops
10 Total Marks you socred in this Quiz is :1

```

Result :  
All the requirments are satisfied.