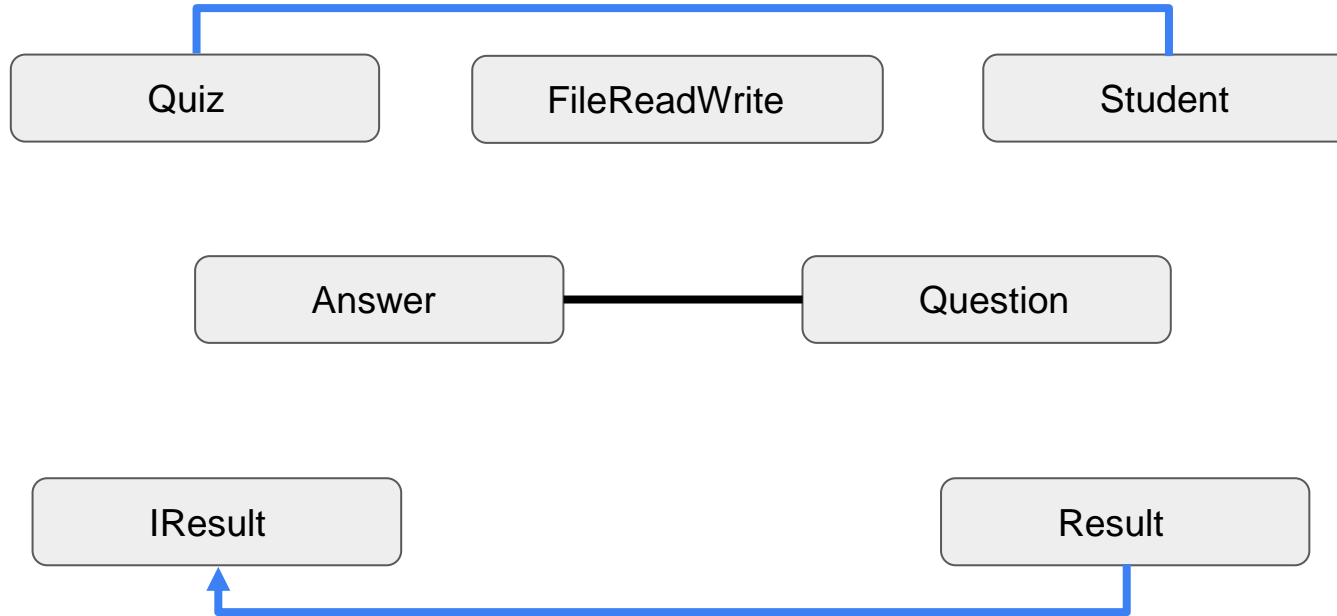


# Java Project - Online Quiz Management System



## QUIZ

Question [ ]

int countTotal

int countRight

int countWrong

String answer

Char ans

void showResults

## Student

private String name;

private String id;

Quiz q;

public Student()

public Student(String name,String id)

public void setName(String name)

public void setId(String i)

public String getName()

public String getId()

public void setQuiz(Quiz quiz)

public Quiz getQuiz()

public void showDetails()

## Question

private String question

private String option1

private String option2

private String option3

private String option4

public Question(String question, String  
option1, String option2, String option3,  
String option4, Answer answer)

public String getQuestion()

public String getOption1()

public String getOption2() public String  
getOption3() public String getOption4()

public Answer getAnswer()

## Answer

private String answer

private String answer

public String getAnswer()

**IResult**

```
void showResult();  
double showPercentage(int correctAnswers,int  
totalQuestions);  
public String showPerformance(double percentage);
```

**Result**

```
private int totalQuestions;  
private int correctAnswers;  
private int wrong Answers;  
void showResult()  
double showPercentage(int correctAnswers, int  
totalQuestions)  
String showPerformance(double percentage)
```

**FileReadWrite**

```
private File file;  
  
private FileWriter writer;  
  
private FileReader reader;  
  
private BufferedReader bfr;
```

**Random**

```
Random rand = new Random();  
int upperbound = 5;  
int random =  
rand.nextInt(upperbound);  
public static int rand()
```

## Start

The Start class contains the main method. Inside the main method the application prompts the user to choose among the following options:

Sign Up:

1. Enter new ID    2. Enter new password

Sign In:

1. Enter ID            2. Enter password

User will get three options after successful sign in :

1. Enter for Quiz            2. Enter 2 for Registration & get study materials free            3. Exit

Enter the Quiz :

1. Enter Student Name            2. Enter Student Id            3. The Quiz begins

4. Shows the performance and result

# Start

---

*Enter 2 for Registration & get study materials free:*

1. Enter Student Name  
Address

2. Enter Student ID

3. Enter E-mail

4. Enter Student Address

*The system will prompt the user to give input for the necessary values as per the choice.  
After taking a quiz , the system will display users Name , ID , Performance , Total Right-  
Wrong Questions and Percentage.*

*When a user registers , the information used for registration is written in a txt file.*