Getting started

Job interview

The job interview consists of two parts:

1. Questions related to your experience.
2. Java language questions
3. Java exercise to solve

1. Questions related to your experience.

In this section we are going to talk about your experience in previous jobs.

2. Java language questions

To take the quiz, you must enter the following path: https://denisvarela.typeform.com/to/O3JLtxuC

3. How you should complete the exercises.

In this section, we will explain how to complete the exercises. There are 5 exercises with different difficulty.

We recommend that you start with the one you have the most knowledge about. Each exercise should not take more than 10 minutes.

The idea is can you completed the largest number of exercises.

You must have the following installed:

- Java 1.8 or higher
- Eclipse or netbeans with junit5
- Maven

Steps to perform the exercise

1. Download project java: The URL will be provided by the team at the meeting.
2. Import java project into IDE.

Ready to start

Once the code is ready in your IDE. You must choose which exercise you are going to do.

choose exercise number 0, Each exercise contains:

- An introduction.
- it is located in the java project,
- It will explain the restrictions
- The result that we must obtain.

Example exercise:

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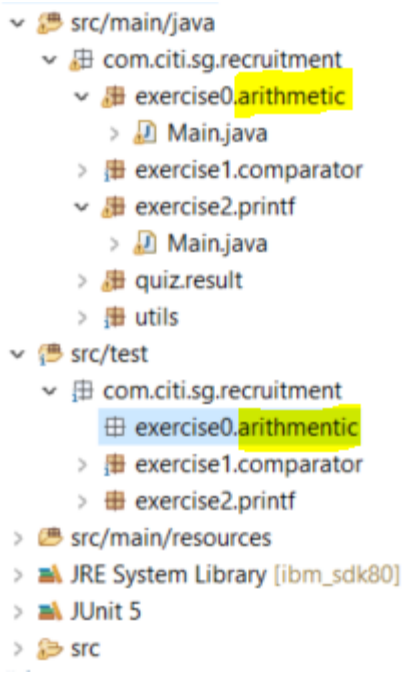
0. Arithmetic operations.

Objective
In this challenge, we're going to use loops to help us do some simple math.

The following package should work:



Task
Given an integer ,N, print its first 10 multiples. Each multiple N x i (where 1 <= i <= 10) should be printed on a new line in the form: `N x i = result`.

Input Format

A single integer, N.

Constraints

- **2 <= N <= 20**

Output Format

Print 10 lines of output; each *i* line (where 1 <= *i* <= *10*) contains the *RESULT* of *N X i* in the form:
`N x i = result`.

Sample Input

```
2
```

Sample Output

```
2 x 1 = 2
2 x 2 = 4
2 x 3 = 6
2 x 4 = 8
2 x 5 = 10
2 x 6 = 12
2 x 7 = 14
2 x 8 = 16
2 x 9 = 18
2 x 10 = 20
```

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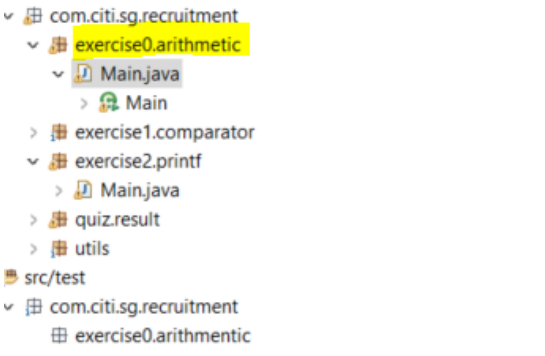
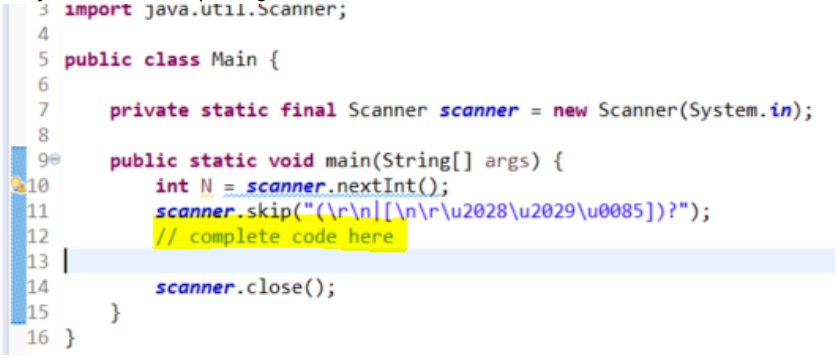
fter reading the instructions for the exercises, you must go to your IDE. To the package indicated in the detail:





```
3  import java.util.Scanner;
4
5  public class Main {
6
7      private static final Scanner scanner = new Scanner(System.in);
8
9      public static void main(String[] args) {
10         int N = scanner.nextInt();
11         scanner.skip("(\r\n|[\n\r\u2028\u2029\u0085])?");
12         // complete code here
13
14         scanner.close();
15     }
16 }
```

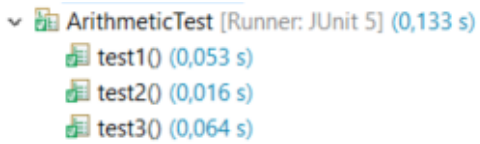
dd the code necessary to finalize the requirement.

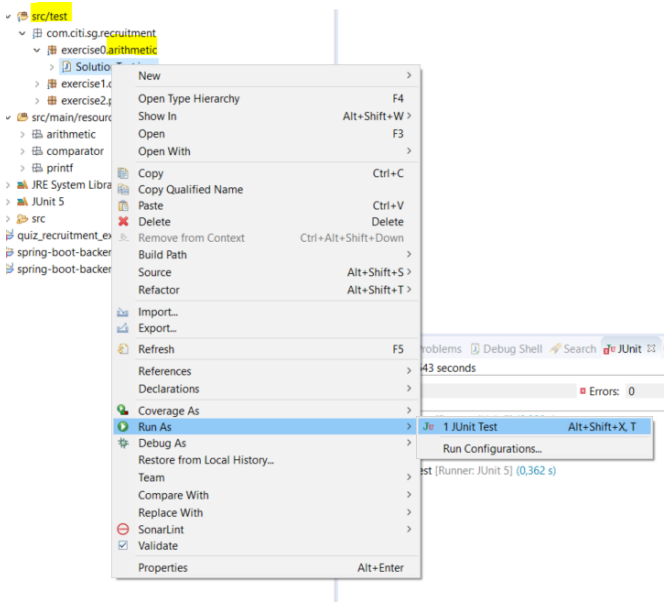
```
public class Main {

    private static final Scanner scanner = new Scanner(System.in);

    public static void main(String[] args) {
        int N = scanner.nextInt();
        scanner.skip("(\r\n|[\n\r\u2028\u2029\u0085])?");
        // complete code here
        for (int i = 1; i <= 10; i++) {
            System.out.printf("%d x %d = %d%n", N, i, N * i);
        }
        scanner.close();
    }
}
```

o verify that your code is correct you must run the tests:





o complete the requirement, the tests must have successful results.

Ready exercise done!