



HOW TO USE LEARNING TOOLS

DESCRIPTION

This educational program has been developed for students interested in Automated Testing in Java. Entry requirements only involve computer literacy at the level of a confident user and English knowledge on the level of B1.

During the learning, theoretical knowledge will be verified by tests, while practical skills are checked with AutoCode (see a detailed introduction of the tool below).

DISCLAIMER

Copying and transferring any course materials to third parties is prohibited.
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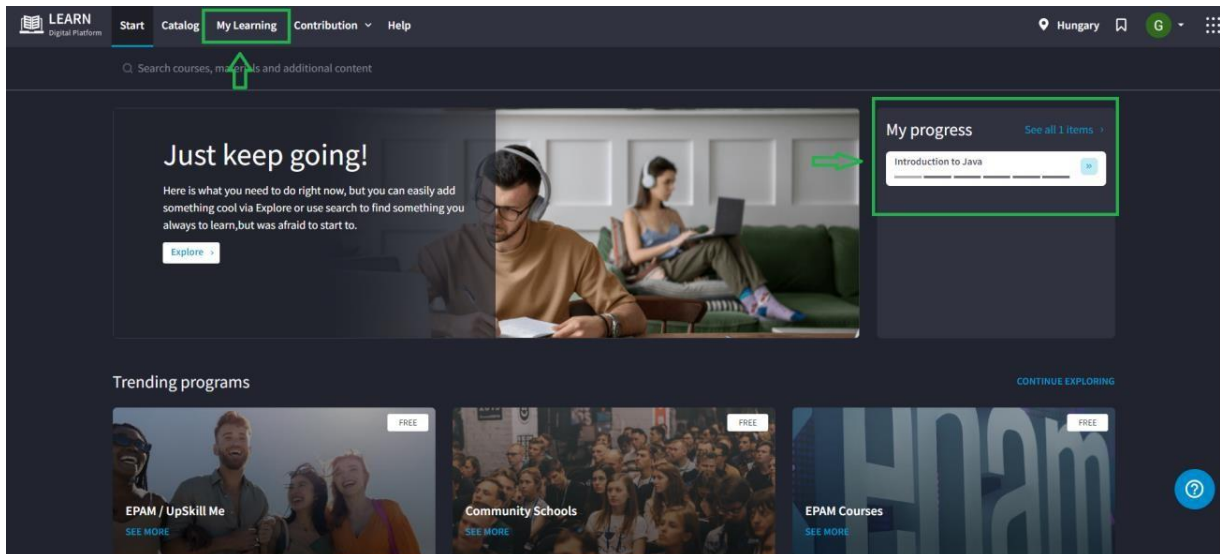
EQUIPMENT REQUIREMENTS

- Internet connection
- PC / Laptop

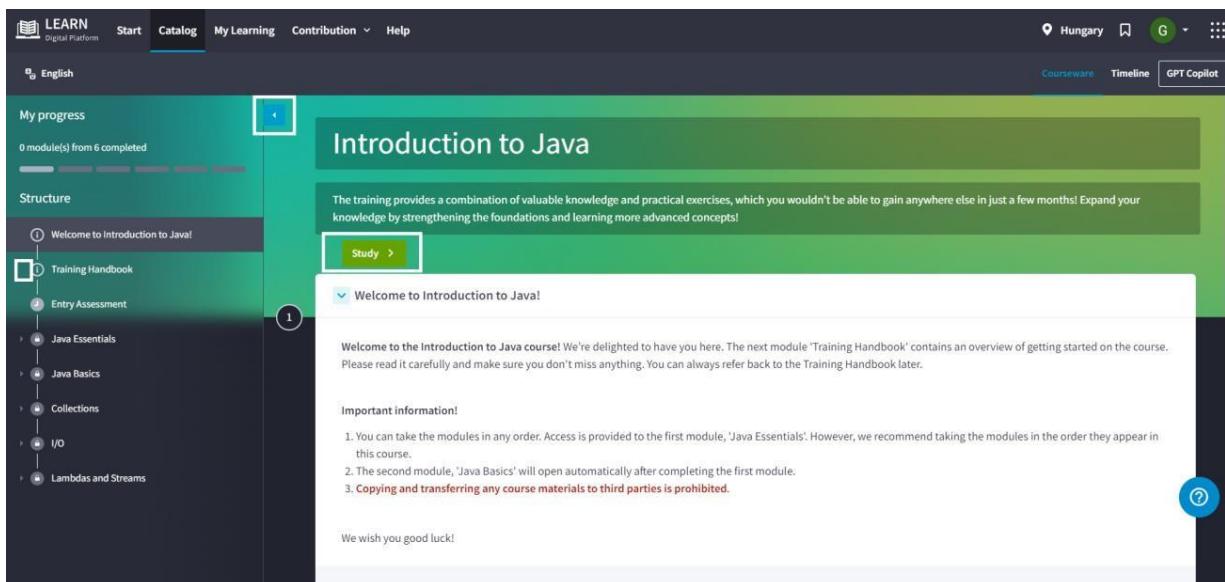
Please review how you can use Learn Portal, and get familiar with AutoCode.

LEARN PORTAL

1. Whenever you would like to proceed with the material, open [Learn portal](#) and select 'My Learning' tab to open the course, or simply click on the program highlighted on the right side of the page.



2. On the main page, you can examine the structure of the program. To see your overall progress, navigate back to the 'My Learning' tab. To navigate easily between modules, expand the blue rectangle by clicking on the arrow to see the course structure. The course starts with an entry test. Click on 'view' to start the test.



EXAMINATOR
Digital Platform

Personal Assignments

Java Essentials Entry Assessment
Test ID: 4220

Expiration date: No expiration date

Progress
Unstarted

Items to pass

1. Java Essentials Entry Assessment
Quiz
24 min 0 of 1 attempt 7 questions Cheating detection

[Start](#)

Once you completed the test, the following will appear:

EXAMINATOR
Digital Platform

Personal Assignments

Java Essentials Entry Assessment
Test ID: 4220

Expiration date: No expiration date

Progress
Completed: 12.04.2023
Leave us your feedback and we'll share the result
[Leave feedback](#)

Items to pass

1. Java Essentials Entry Assessment
Quiz
24 min 1 of 1 attempt 7 questions Cheating detection

Completed

Close the Examiner tab to get back to Learn Portal. Refresh the page to see the result. Notice that now you can start the first module.

LEARN Digital Platform

Start Catalog My Learning Contribution Help

Hungary G GPT Copilot

English

My progress Continue

1 module(s) from 6 completed

Structure

- Welcome to Introduction to Java!
- Training Handbook
- Entry Assessment
- Java Essentials
- Java Basics
- Collections
- I/O
- Lambdas and Streams

Training Handbook

Entry Assessment

By filling in this short test you can verify if the current level of your knowledge fits the program requirements. You can proceed with the learning regardless of your result.

After completing the test, close the Examiner browser tab, return back to this page and **refresh it** to have your results synced.

(It could take up to 10 minutes to see your results. Please fill in the test only once, and refresh the page. If this would not solve the issue, log out and wait approx. 5-10 minutes, then log back in. By then your results should be displayed, and you should be able to access the 'Java Essentials' module.)

Passed Grade: 33%

Content is locked. View

Java Essentials

Not Started View

3. By clicking on 'View' you can go deeper in the program structure until you access the material.

LEARN Digital Platform

Start Catalog My Learning Contribution Help

Hungary G GPT Copilot

English

Introduction to Java Java Essentials

Java Essentials

Introduction to Java Essentials

Do you want to try your hand at Java programming, but don't know where to start? This course contains fundamental theory, relevant examples, and useful practice for a deep dive into one of the most popular programming languages.

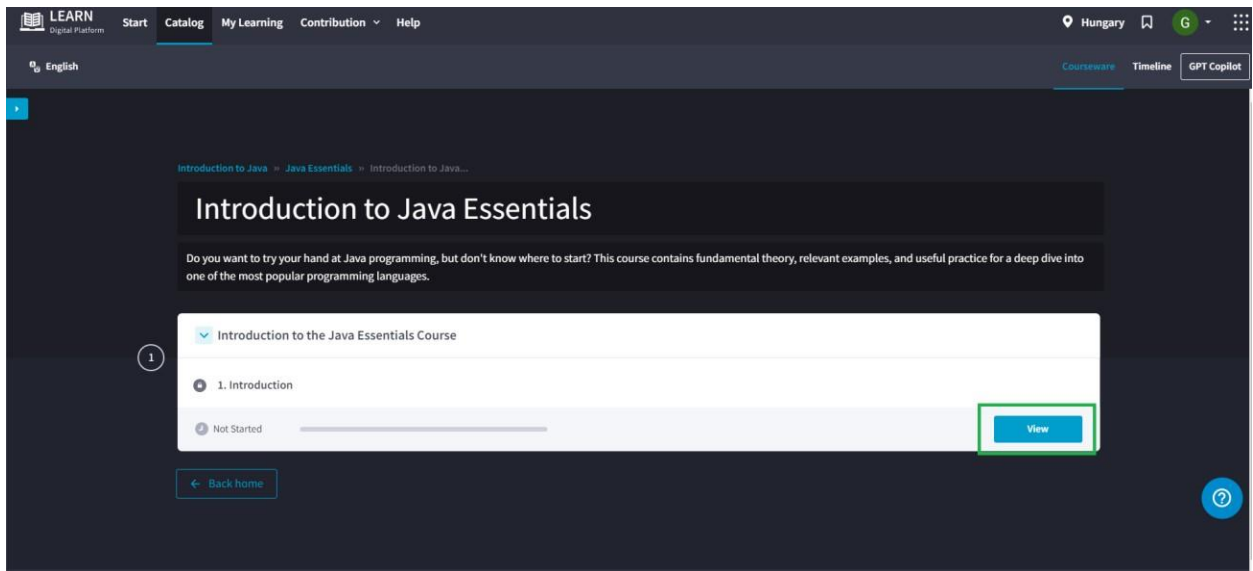
Not Started View

First Programs in Java

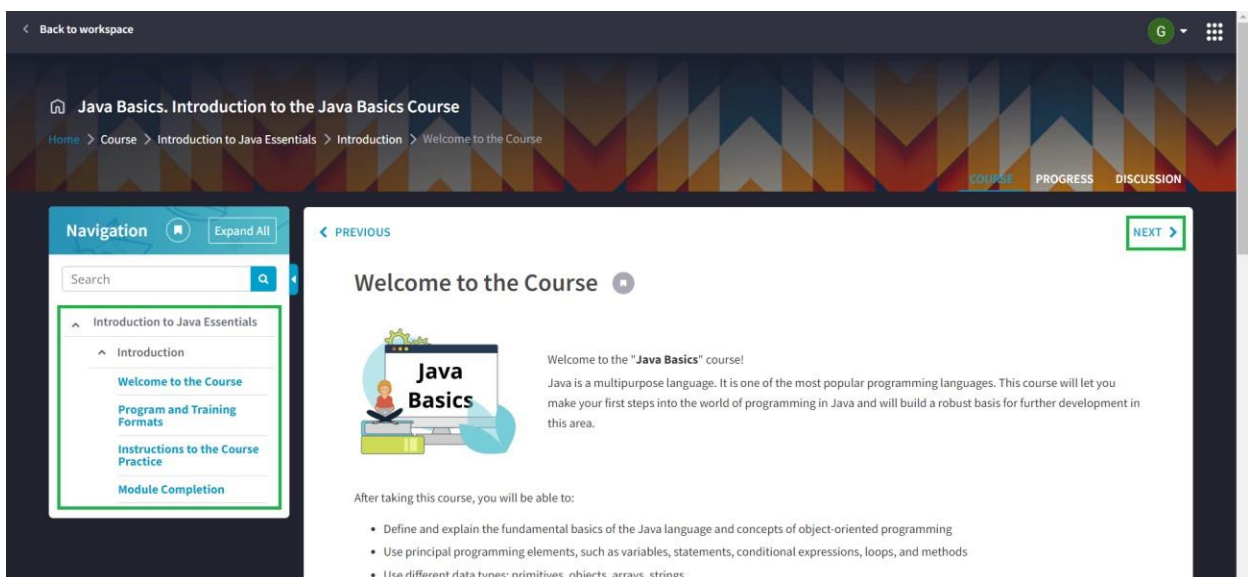
Not Started View

Data Types

Not Started View

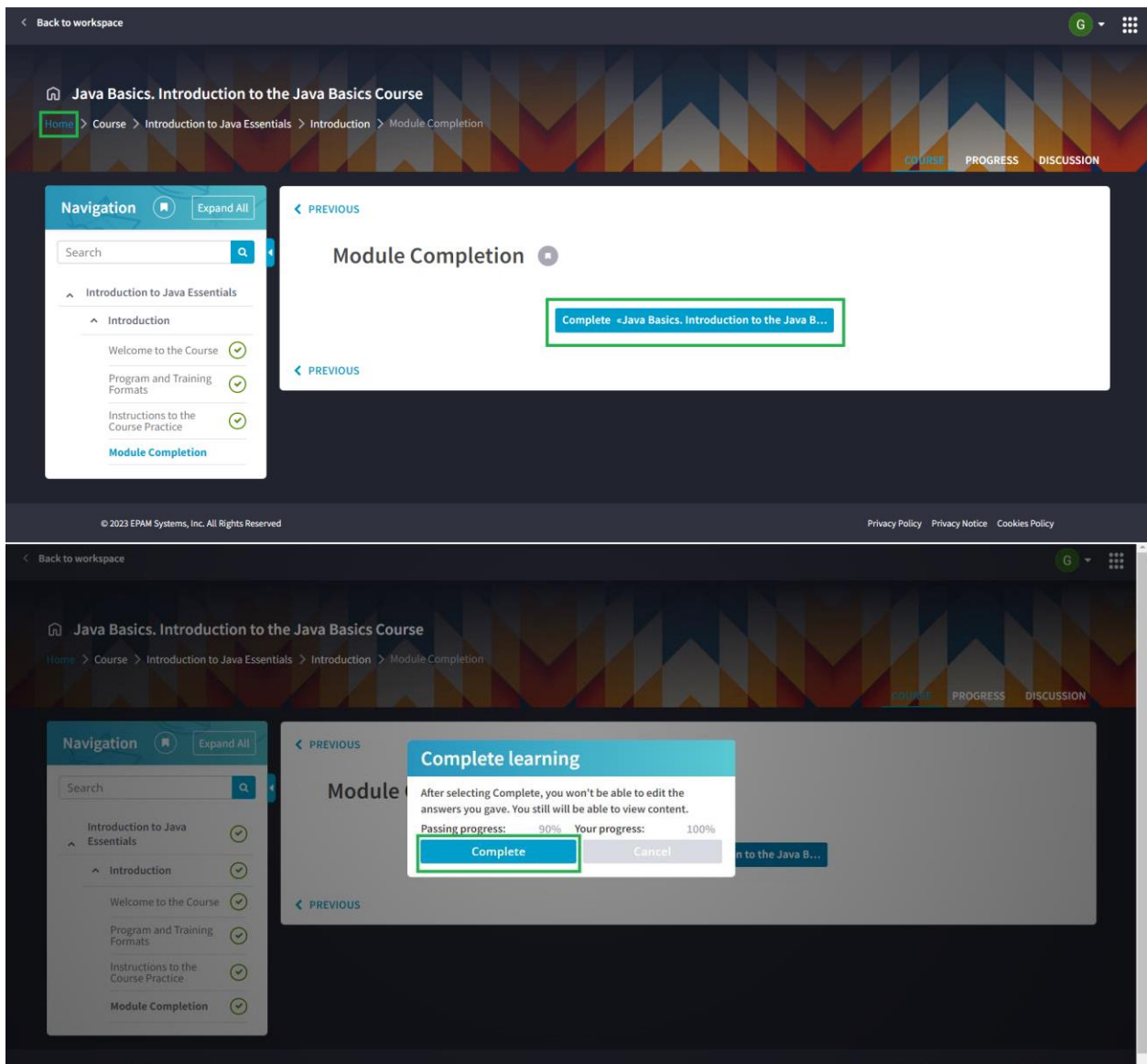


4. The course starts with an introductory module. Click 'view' and the following page will appear:

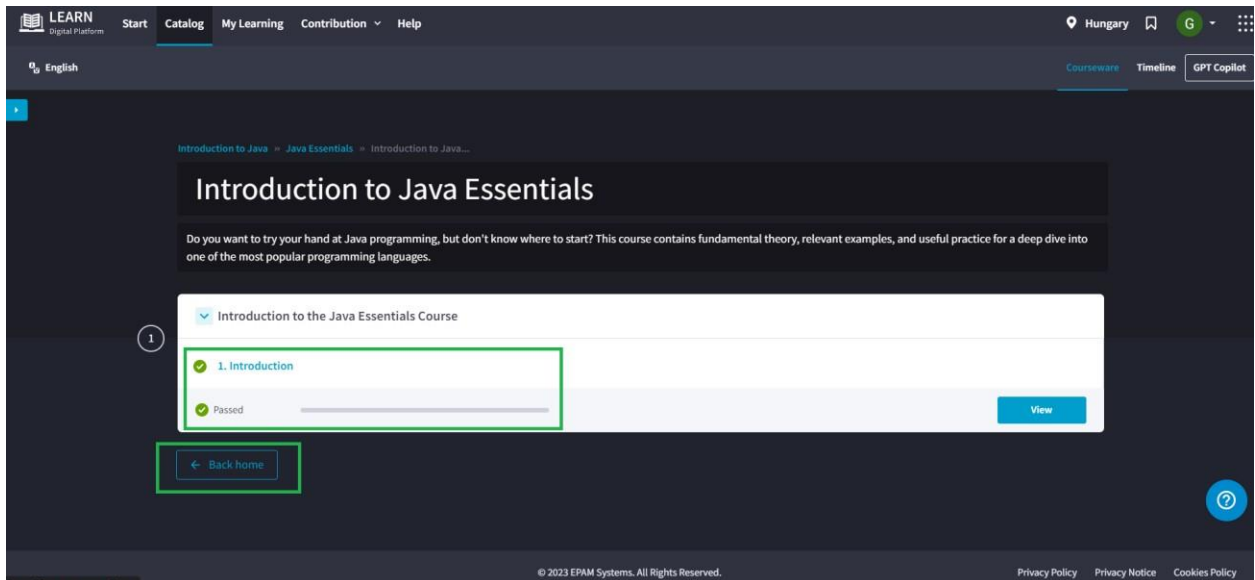


Study the content of the page then select 'Next' to access the consecutive pages. You can also use the dropdown menu on the left-hand side to navigate to a certain topic.

5. To complete the theoretical part, go to 'Module completion', click 'Complete << Module name >>', then 'Complete'. If you are unable to complete the module, please go through the material again making sure that you pass the interactive parts as well.

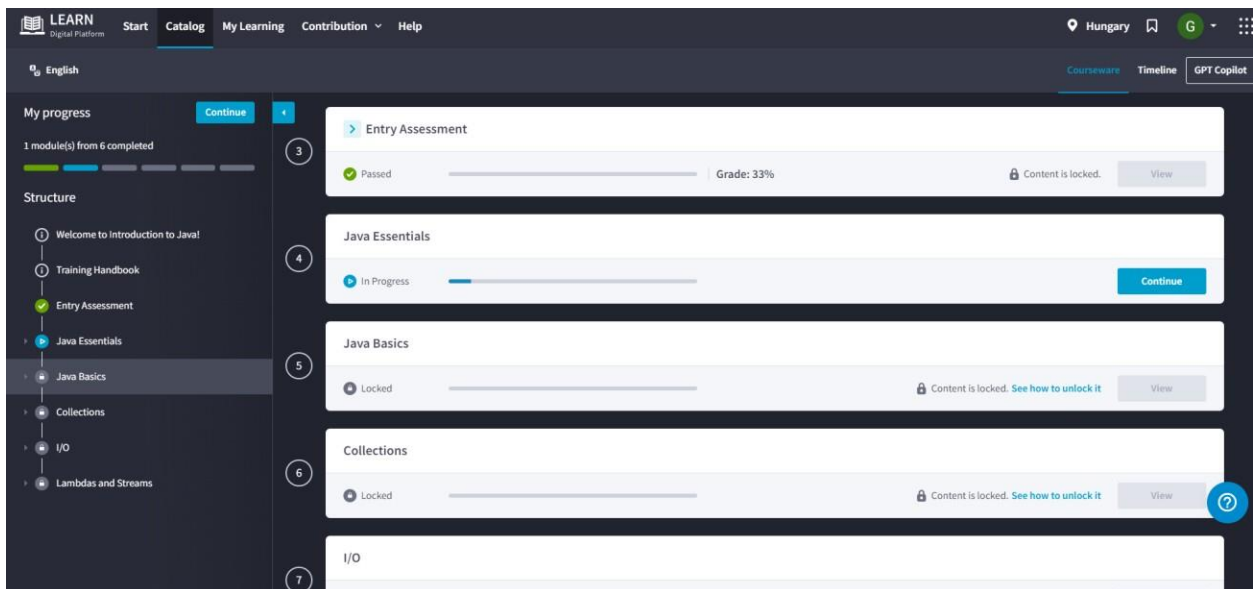


6. To continue learning, click on 'Home' on the left side of the page. This will bring you back to the Learn program.

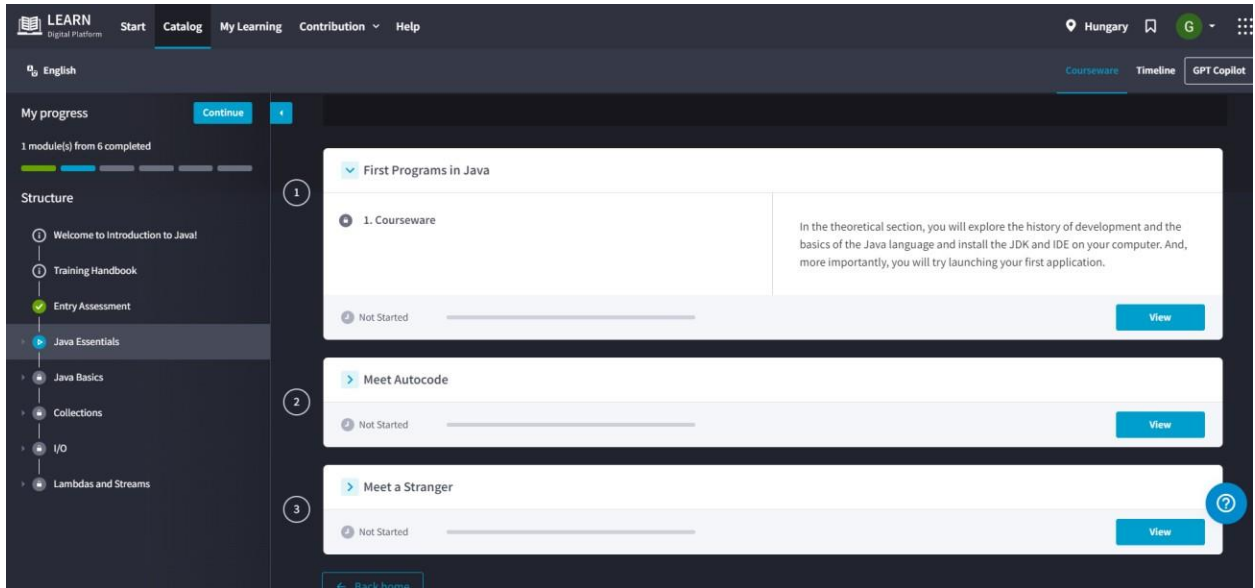


Notice that the module is highlighted with green, and the progress bar is at 100%.

7. Click 'Back home' to navigate back to the modules. Your progress can be immediately seen on the course structure.



8. Select 'View' to study the content of the next module.



Proceed with the theory described above and solve the practical exercises in Autocode. See a detailed instruction below.

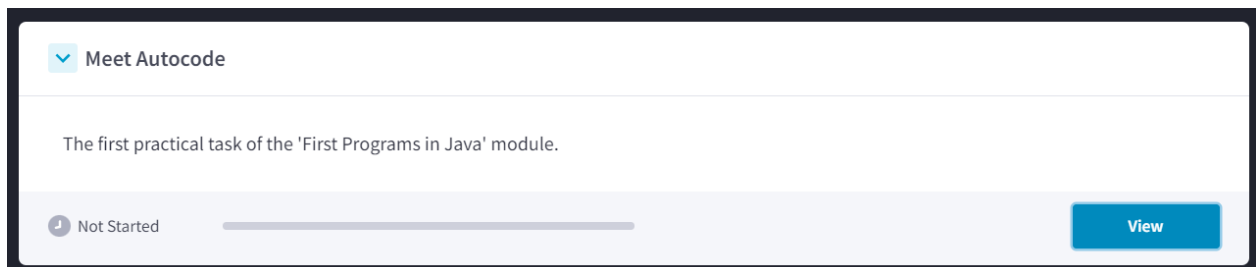
Should you have any technical issues with the Learn portal, please write an email with a detailed description of the problem (preferably with a screenshot attached) to AskLearn@epam.com.

AUTOCODE

EPAM uses AutoCode tool to verify student's exercises. Students must have a GitLab account to store their solution source codes.

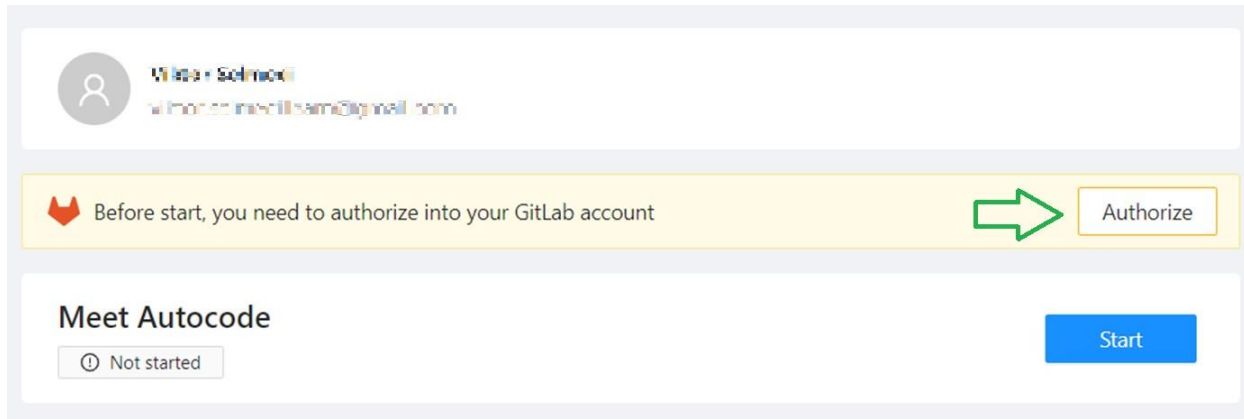
Exercises

After you get familiar with the theoretical part of the topics, proceed with the practical exercises. Clicking on the 'View' button will navigate you to Autocode.



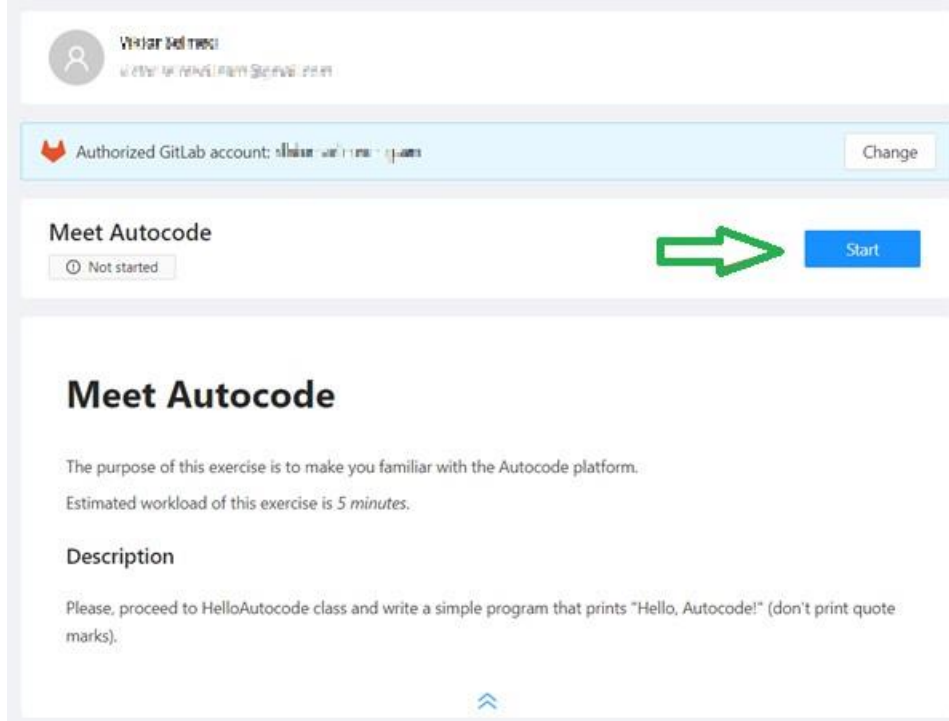
Authorize GitLab

The first time you use Autocode, you must associate your Autocode account and GitLab account and authorize Autocode to perform modifications in GitLab on behalf of yourself. Click Authorize to give the necessary permissions.



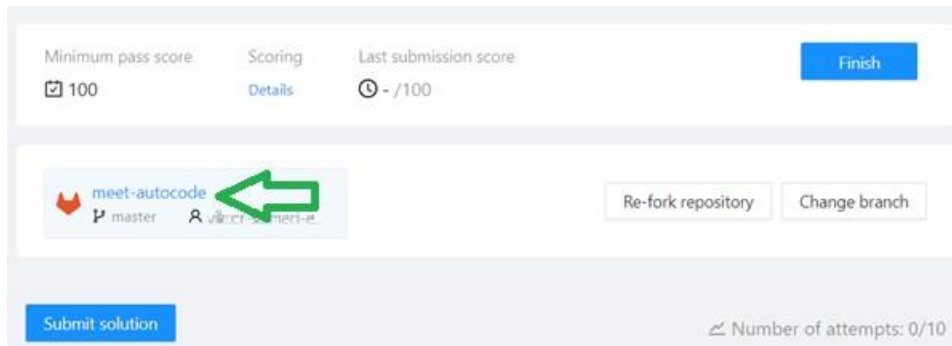
Start the Task

You can read the exercise description in Autocode. If you are ready to start the exercise, click on 'Start'. AutoCode will automatically create the exercise repository under your GitLab account.



Create Project / Repository

AutoCode shows the created repository URL. By clicking on it, the browser will navigate to the GitLab repository page:



Submit Solution

You can work on your solution and commit / push your changes. Once you think it is ready for test, you can Submit your solution in AutoCode. Do not worry if it is not perfect at first, you can submit it multiple times. Make sure you submit a nice work!

If the source code does not compile yet, fix it and resubmit your solution.

Success

After some trial, you may get a good result, Score 100.

