

How to complete the exercises in Autocode: Instructions

If you are unfamiliar with terms such as Git, Gitlab, repository, and commit, then we recommend exploring them first:

- Video Course "Version Control with Git" <https://learn.epam.com/detailsPage?id=601f195a-d408-4439-a16d0630ed2a412e>
- Manual "Start using Git on the command line" <https://docs.gitlab.com/ee/gitlab-basics/start-using-git.html>

Getting started

When you get a task, you will see its name and description.

To start working on the task, click *Start*.

The screenshot shows the 'Meet Autocode' task page. At the top, there's a header with 'Meet Autocode' and a 'Show in structure' link. Below it, a status bar indicates 'Not started'. A blue 'Start' button is located in the top right corner, enclosed in a red rectangular box. The main content area has the title 'Meet Autocode' followed by a description: 'The purpose of this exercise is to make you familiar with the Autocode platform. Estimated workload of this exercise is 5 minutes.' Below this is a 'Description' section with the text: 'Please, proceed to HelloAutocode class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).' At the bottom, there's a 'Minimum pass score' section showing a score of 100.

Next, Autocode will create a copy of the initial exercise repository in your Gitlab account.

For all of this to work properly, you might need to access your profile and link the accounts in Autocode and Gitlab.

Now the link to the repository will appear below the main description:

The screenshot shows the 'Meet Autocode' task page after it has been started. The status bar now shows 'In progress' and 'Started a few seconds ago'. The main content area is the same as before. At the bottom, there's a 'Minimum pass score' section showing a score of 100, and a 'Last submission score' section showing a score of - / 100. A blue 'Finish' button is located in the bottom right corner. A red rectangular box highlights the repository link section, which shows the repository name 'meet-autocode' and the branch 'master' with a link to the repository. To the right of the repository link, there are two buttons: 'Access repository' and 'Change branch'.

The link will take you to the repository page in GitLab:

Repository

M

meet-autocode

Project ID: 31327388

🔔

☆ Star

0

🍴 Fork

0

🔗 3 Commits


🌿 1 Branch

🏷 0 Tags

📄 51 KB Files

💾 92 KB Storage

Forked from [autocode-exercises / java-basics / meet-autocode](#)



Auto DevOps

It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.

Learn more in the [Auto DevOps documentation](#)

Enable in settings

master

meet-autocode /

+


History

Find file

Web IDE

📄

Clone



README Specification Update

Evgenii Efimchik authored 1 month ago

b5703589

📄 Upload File

📄 README

📄 Add LICENSE

📄 Add CHANGELOG

📄 Add CONTRIBUTING

📄 Add Kubernetes cluster

📄 Set up CI/CD

⚙ Configure Integrations

Name	Last commit	Last update
src	Refining the exercise	9 months ago
.gitignore	Refining the exercise	9 months ago
README.md	README Specification Update	1 month ago
pom.xml	Refining the exercise	9 months ago

📄 README.md

Meet Autocode


The purpose of this exercise is to make you familiar with the Autocode platform.


Estimated workload of this exercise is *5 minutes*.

Description




Please, proceed to [HelloAutocode](#) class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

To complete an exercise, you need to clone it, or make a local copy of it on your computer. To do this, click *Clone* and copy one of the available links:




meet-autocode


Project ID: 31327388


 Star 0
  Fork 0

3 Commits
 1 Branch
 0 Tags
 51 KB Files
 92 KB Storage

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master
 meet-autocode /
 +


History






Find file



Web IDE

Clone


README Specification Update
 Evgenii Efimchik authored 1 month ago

 Upload File
  README
  Add LICENSE
  Add CHANGELOG
  Add CONTRIBUTING

 Set up CI/CD
  Configure Integrations

Name	Last commit	
src	Refining the exercise	
.gitignore	Refining the exercise	9 months ago
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README.md

Meet Autocode

The purpose of this exercise is to make you familiar with the Autocode platform.

Estimated workload of this exercise is 5 minutes.

Description

Please, proceed to [HelloAutocode](#) class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

Clone with SSH

git@gitlab.com:efimchik_epam/meet-

Clone with HTTPS

https://gitlab.com/efimchik_epam/m

Open in your IDE

Visual Studio Code (SSH)

Visual Studio Code (HTTPS)

Copy URL

SSH

To clone the repository using SSH, you will have to generate an SSH key for your computer and register it with Gitlab. This way, Gitlab will understand that you are the one trying to access your own repository. You can do this by following the simple instructions at <https://docs.gitlab.com/ee/ssh/>.

HTTPS

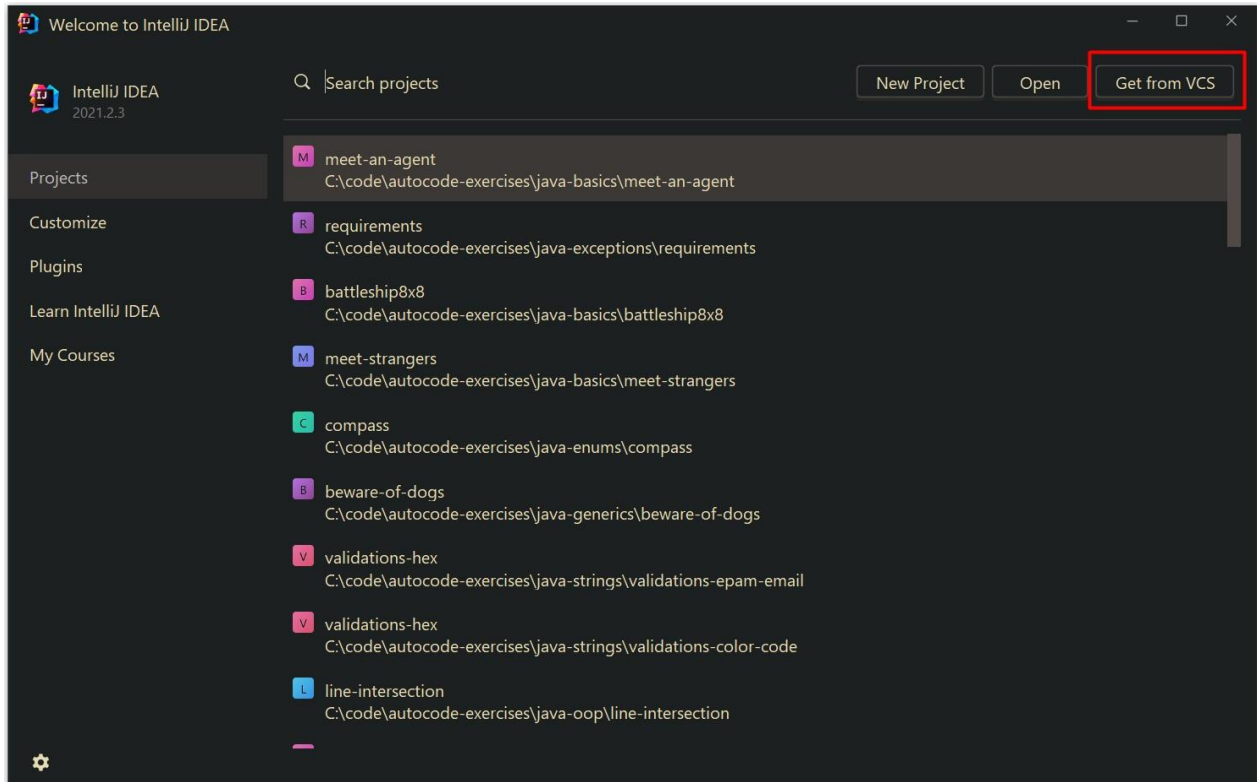
If you do not wish to generate an SSH key, you can use an HTTPS link. Then, when accessing the Gitlab repository, you will have to go through authentication—you will need to enter your login and password.

You will probably not need to do this every time; Windows has a special tool—Credential Manager—that automatically memorizes Gitlab account data after the first entry.

IDE

We recommend using an IDE to complete the exercises.
In the examples below, IntelliJ IDEA v2021.2.3 is used.

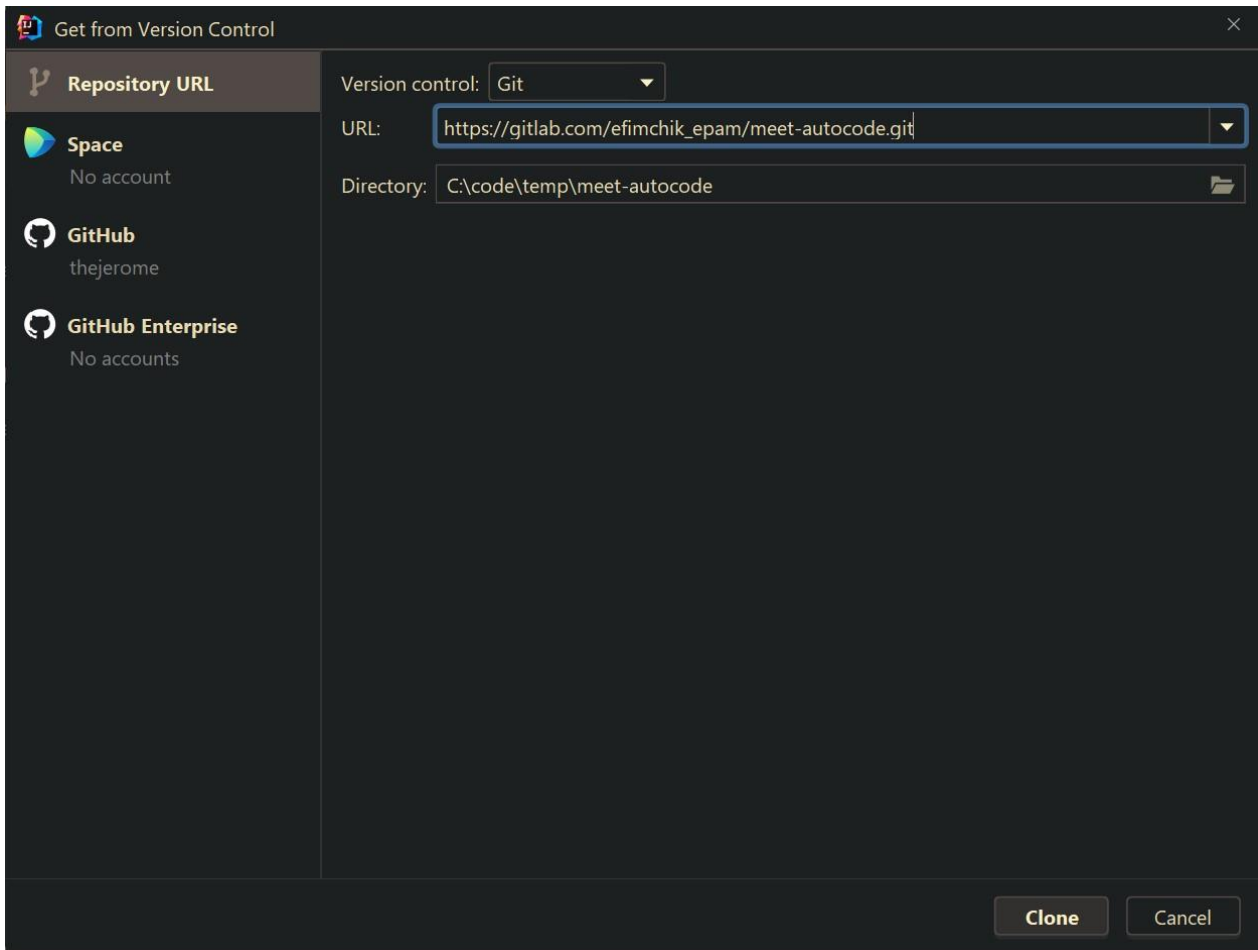
To clone the repository, click *Get from VCS*.



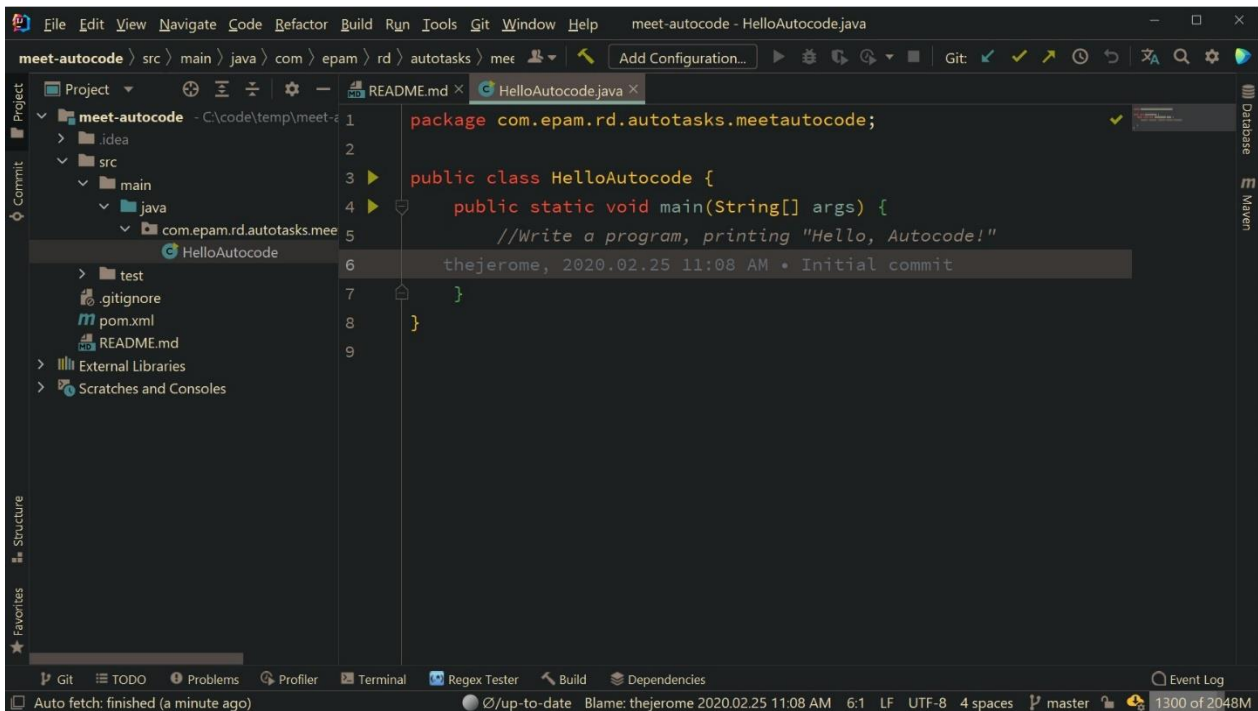
If you have already opened another project and do not see this button, you can find the *Clone* command in the dropdown Git menu.

One way or another, you will get a dialog where you can enter the link to the repository and the target directory on the computer where you would like to clone it.

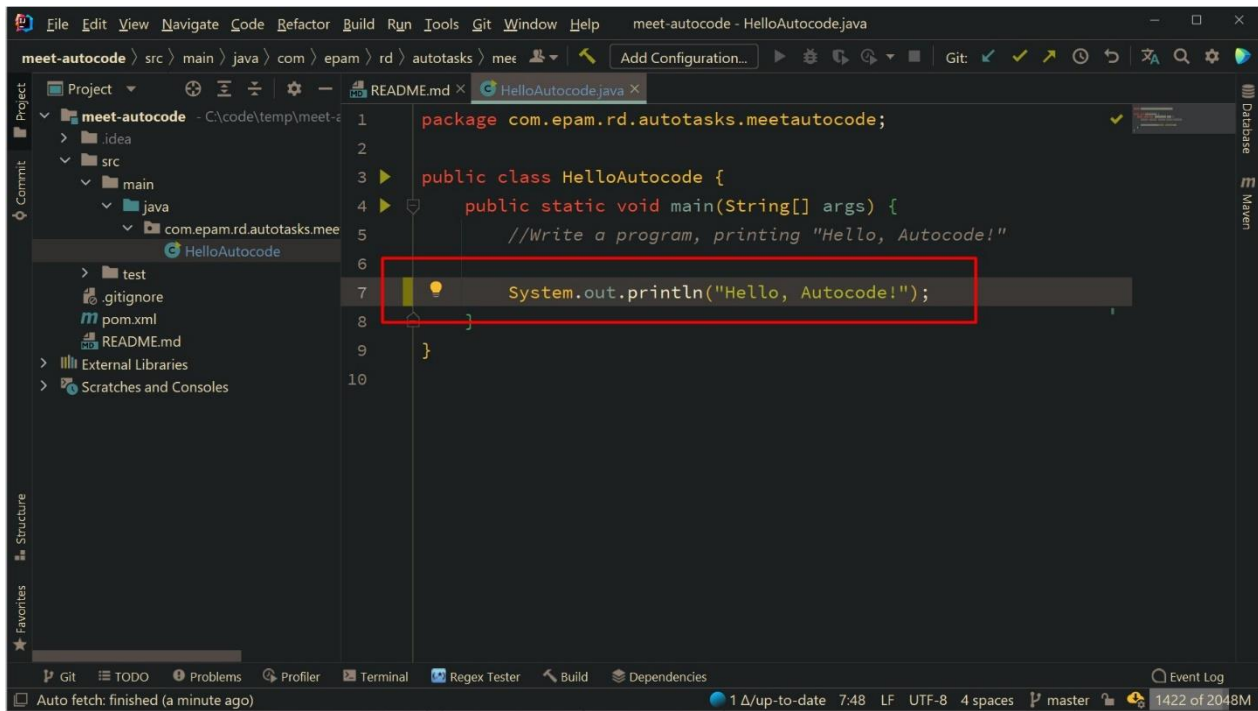
This is where you might need to enter your login and password to get access to the Gitlab repository.



After this, the repository will be imported into the IDE as a Maven project.
Now you can start working on the project.

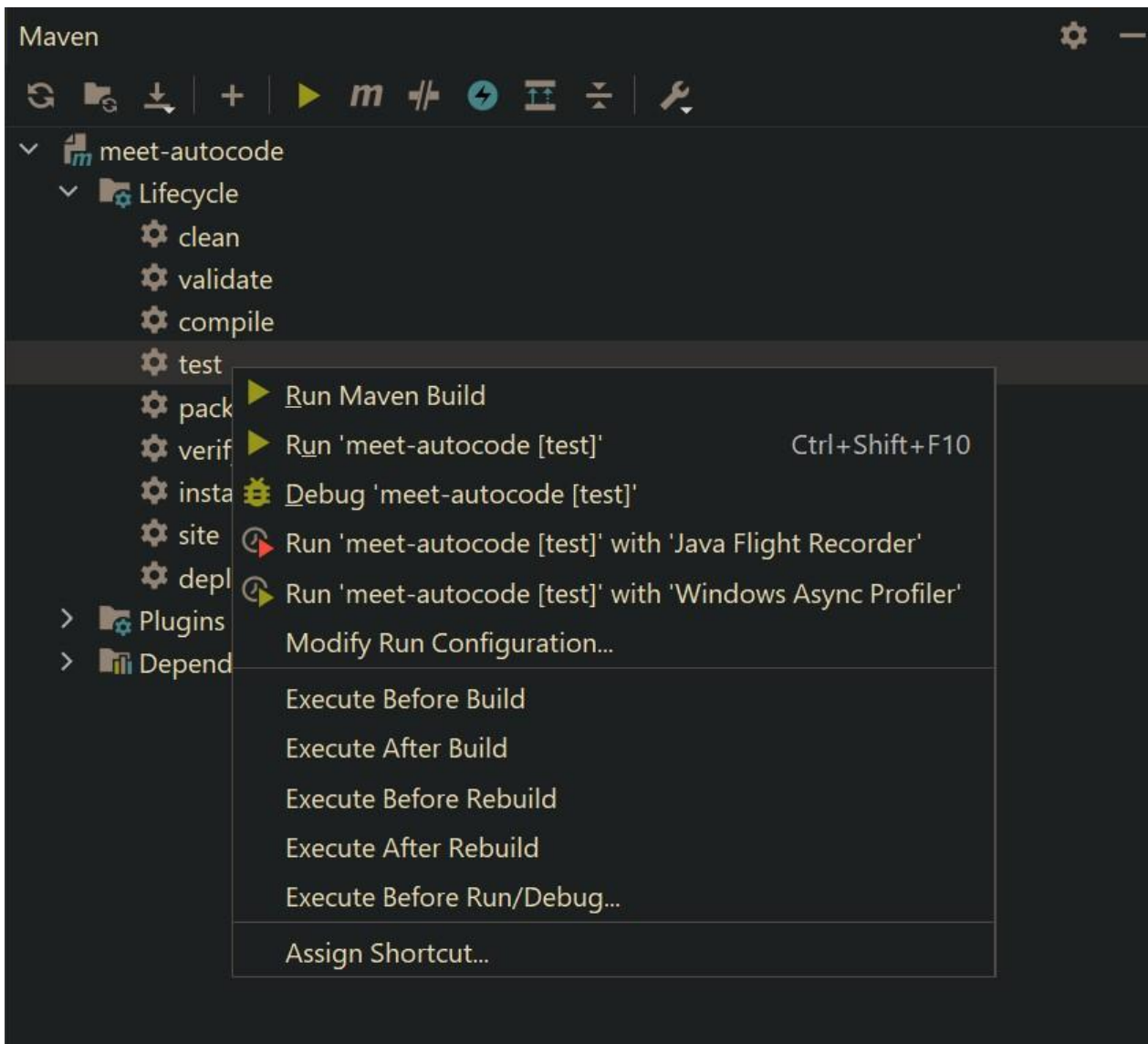


The first exercise is simple—you only need to write one line:



Now you can check your solution locally—by launching the tests.

To do this, you can open the Maven menu (which is usually on the right), select the lifecycle stage *test*, and launch it:

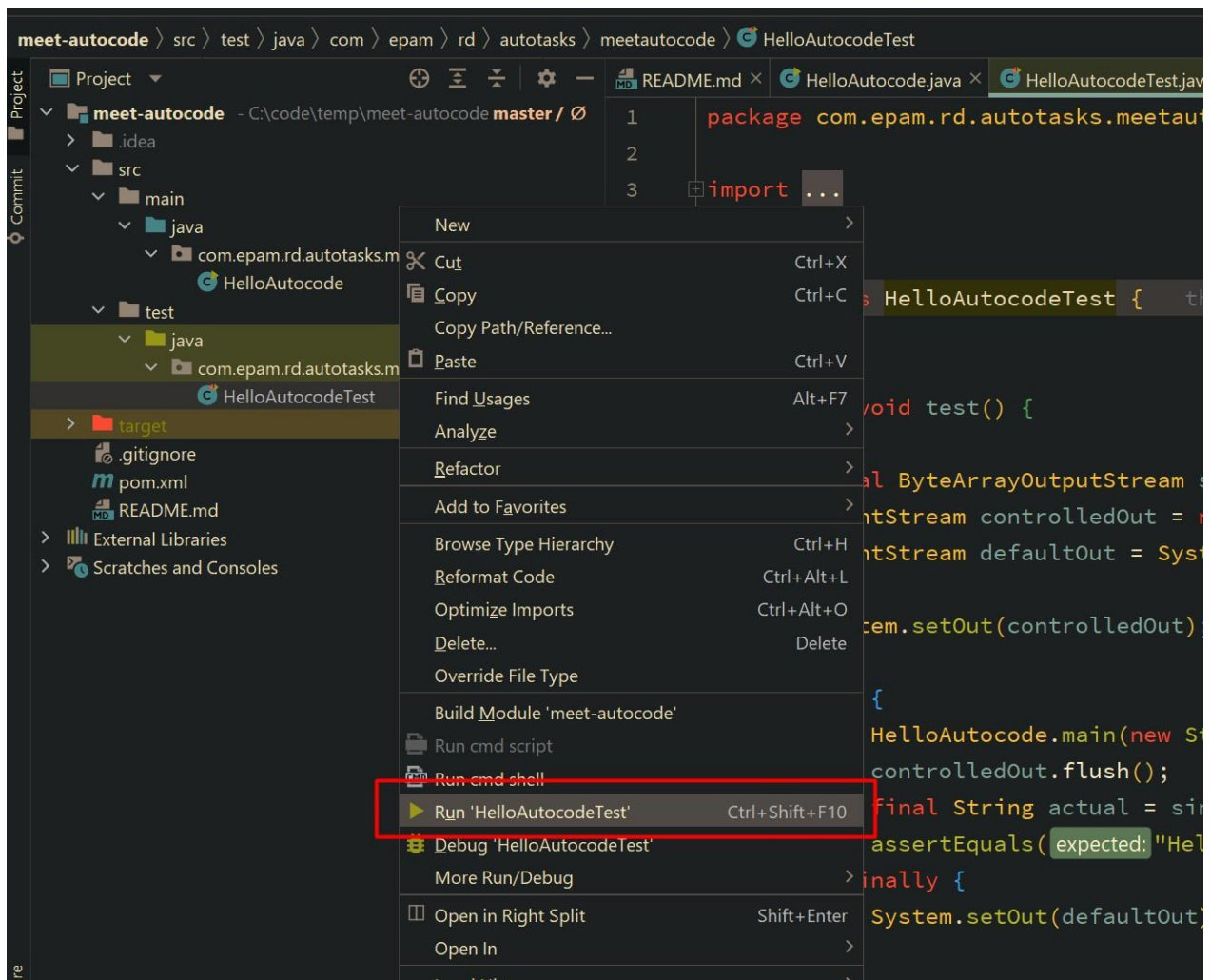


If everything is correct, we will see the long-hoped-for words "BUILD SUCCESS" in the Run window.

```
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.02 s in com.epam.hello.autotasks.meetautocode.HelloAutocodeTest
[INFO] Results:
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.772 s
[INFO] Finished at: 2021-11-15T16:57:26+03:00
[INFO] -----

Process finished with exit code 0
```

You can also launch the tests using the IDE tools; in IntelliJ IDEA, it is enough to right-click on the test class and select the launch item.



Since the tests pass successfully, you can submit the solution.

Choose the *Commit* window (which can be invoked using Ctrl+K or the menu item Git -> Commit).

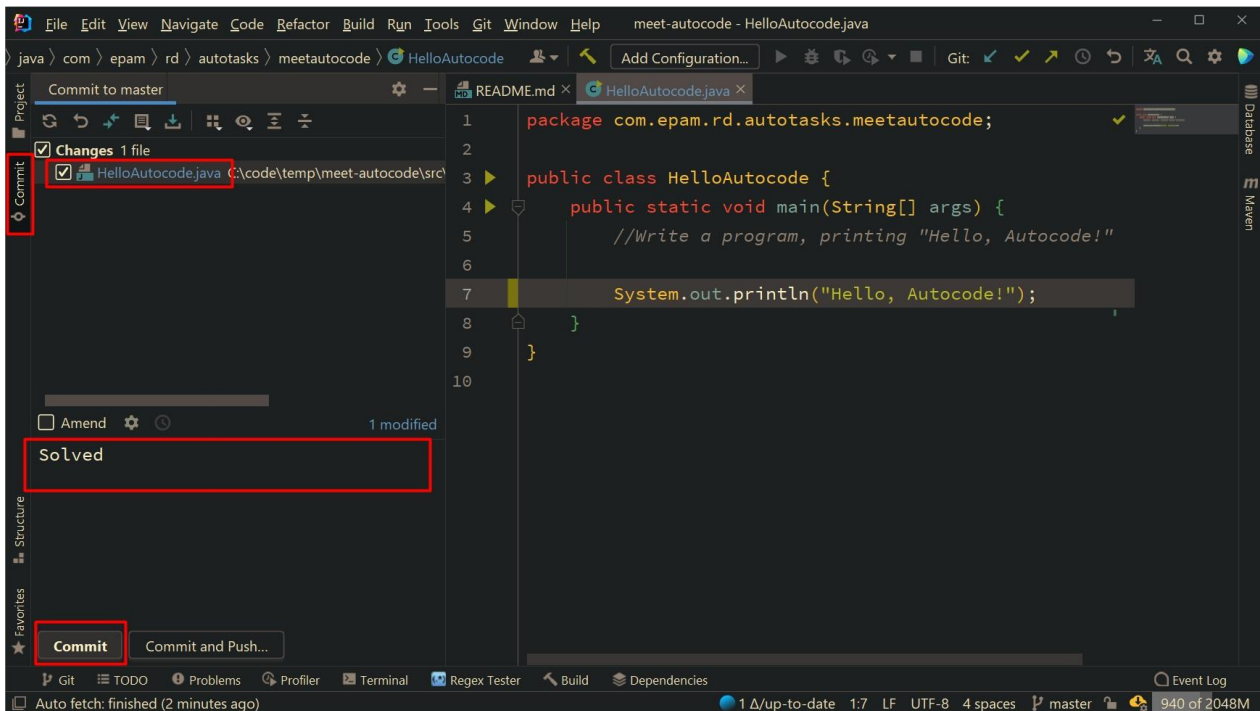
Select the files where the changes should be saved.

Save only the changes that refer to source code.

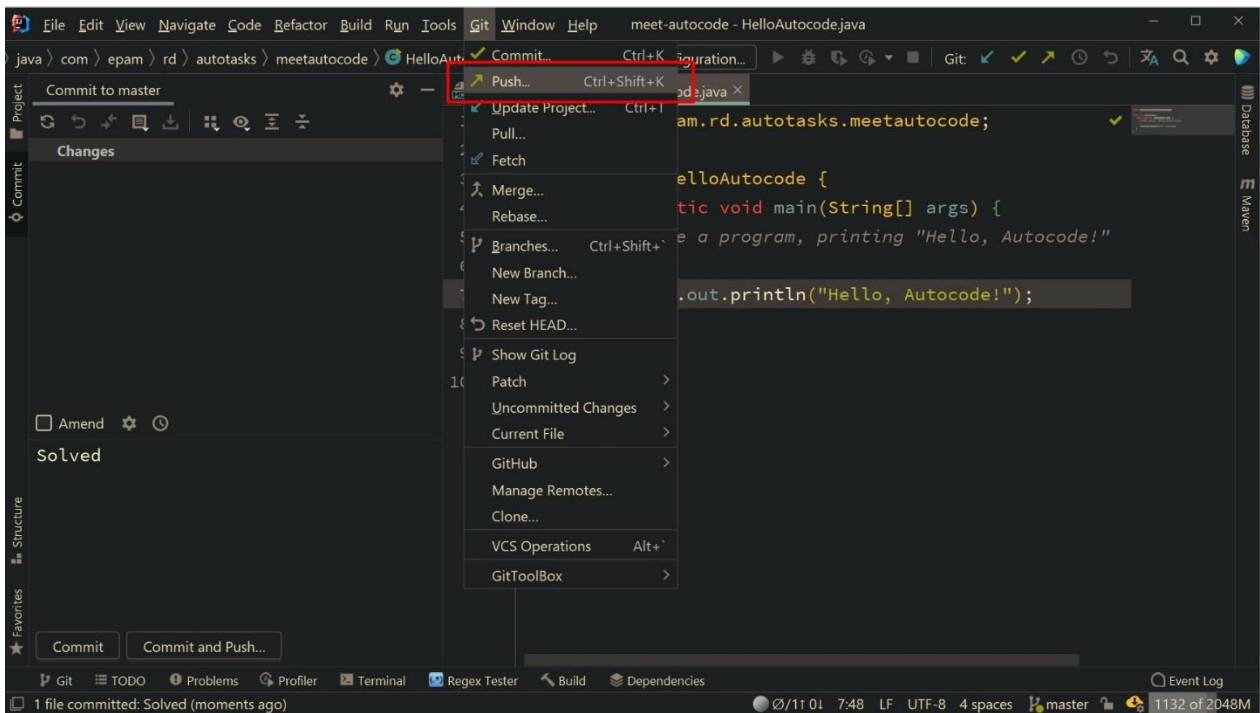
There is no need to save the IDE settings.

Remember: **DO NOT** change the code of the test files or pom.xml.

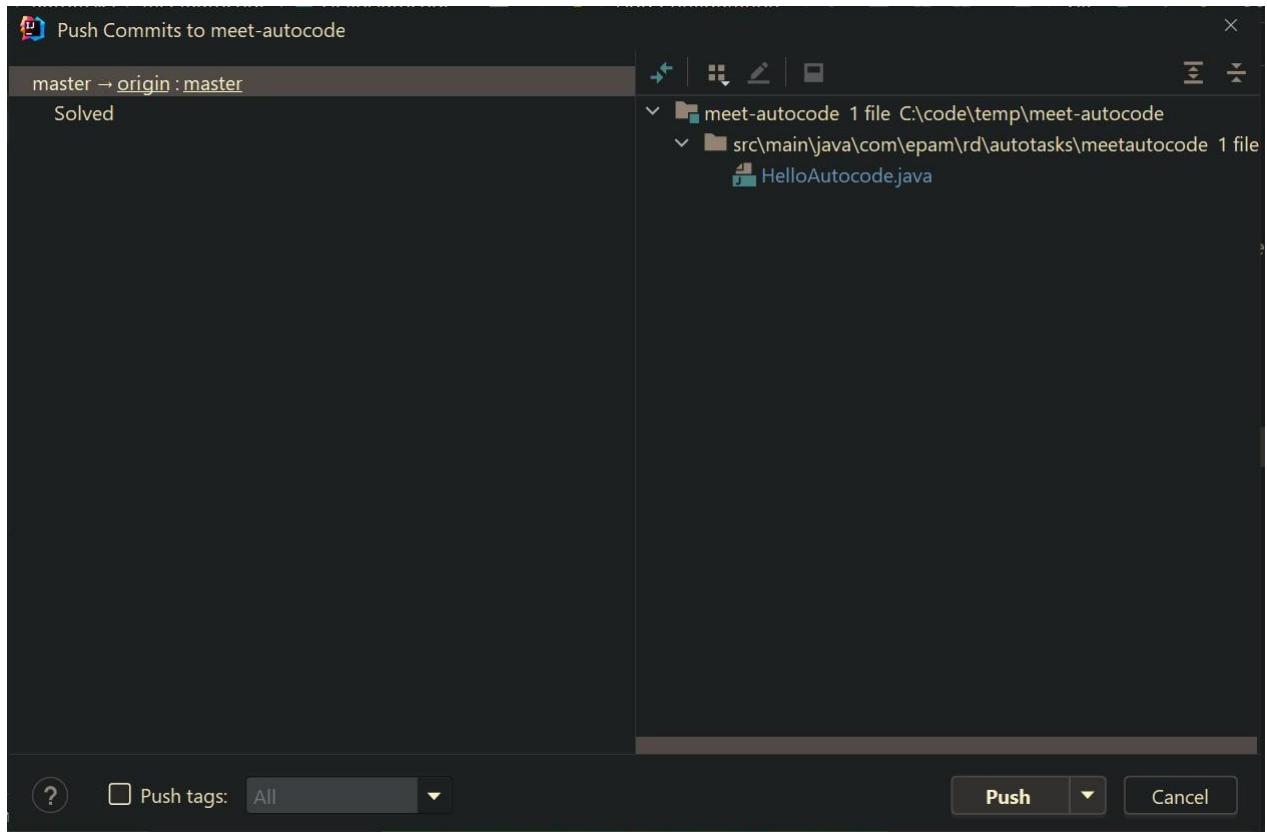
Here we enter a description of the changes, save them, and then click *Commit*.



Now the saved changes should be sent to the Gitlab repository.
To do this, we execute a push (Ctrl+Shift+K or Git -> Push).




Select the branches and commits that need to be synchronized (it is very unlikely that you will have to change any settings here), and then click *Push*. The changes you made will be imported to the Gitlab repository.




Checking the solution




Now let's go back to the Gitlab repository.

It notifies you that it contains the latest changes, or the ones you just sent there.




meet-autocode


Project ID: 31327388


 Star 0
  Fork 0

4 Commits
 1 Branch
 0 Tags
 154 KB Files
 195 KB Storage

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Enable in settings


master
 meet-autocode /
 +

History


Find file

Web IDE






Clone











Solved

Evgenii Efimchik authored 1 minute ago


3f083c52



 Upload File
  README
  Add LICENSE
  Add CHANGELOG
  Add CONTRIBUTING
  Add Kubernetes cluster

 Set up CI/CD
  Configure Integrations

Name	Last commit	Last update
src	Solved	1 minute ago
.gitignore	Refining the exercise	9 months ago
README.md	README Specification Update	1 month ago
pom.xml	Refining the exercise	9 months ago

 **README.md**

Meet Autocode

The purpose of this exercise is to make you familiar with the Autocode platform.

Estimated workload of this exercise is *5 minutes*.

Description

Please, proceed to [HelloAutocode](#) class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

If you click on the latest commit, you will see the changes it contains.
This is the solution we just executed a minute ago.

Commit 3f083c52 authored 1 minute ago by Evgenii Efimchik

Browse files

Options ▾

Solved

parent b5703589 P master

No related merge requests found

Changes 1

Showing 1 changed file with 1 addition and 0 deletions

Hide whitespace changes

Inline

Side-by-side

src/main/java/com/epam/rd/autotasks/meetautocode/HelloAutocode.java

View file @3f083c52

```

...   @@ -4,5 +4,6 @@ public class HelloAutocode {
4     public static void main(String[] args) {
5         //Write a program, printing "Hello, Autocode!"
6
7     +     System.out.println("Hello, Autocode!");
7     }
8
8     }
```

Write Preview

B *I* “ ” </> 🔗 ☰ ☷ ☸ 📎 📁 ↗

Write a comment or drag your files here...

Markdown and quick actions are supported

📎 Attach a file

Comment



After making sure the changes have been imported to the Gitlab repository, return to Autocode. Now you are ready to check the solution. Click *Submit solution*.

Meet Autocode [Show in structure](#)

In progress

Started 9 minutes ago

Meet Autocode

The purpose of this exercise is to make you familiar with the Autocode platform.

Estimated workload of this exercise is 5 minutes.

Description

Please, proceed to HelloAutocode class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

Minimum pass score

Last submission score

100

- /100

Finish

Reset progress

meet-autocode

master efimchik_epam

Access repository

Change branch

Submit solution

Number of attempts: 0/10

No submissions

Autocode starts the verification process, and we can see the results.
Note that the number of attempts is always limited!

Meet Autocode [Show in structure](#)

In progress

Started 10 minutes ago

Meet Autocode

The purpose of this exercise is to make you familiar with the Autocode platform.

Estimated workload of this exercise is 5 minutes.

Description

Please, proceed to HelloAutocode class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

Minimum pass score

Last submission score

100

- /100

Finish

Reset progress

meet-autocode

master efimchik_epam

Access repository

Change branch

Submit solution

Number of attempts: 1/10

#1

Queued

1

Checkout

Not started

2

Compile

Not started

3

Test

Not started

Score

0

Autocode has completed the verification, and we got the maximum number of points—100.

Autocode performs the same tests we ran locally.

For this exercise, any result below 100 will be considered a failure.

If these tests are not successful, Autocode will show us the reported errors.

In most cases, if the tests are successful on your computer, everything should also be fine in Autocode.

#1
Finished
0 min 20 sec

✓ Checkout 0
Passed

✓ Compile 20
Passed

✓ Test 80
Passed

Score
100

Total 1 items < 1 > 5 / page ▾

Our first and last attempt was successful, so we can finish the exercise by clicking *Finish*.

Meet Autocode [Show in structure](#)

In progress Started 11 minutes ago

Meet Autocode

The purpose of this exercise is to make you familiar with the Autocode platform.
Estimated workload of this exercise is 5 minutes.

Description

Please, proceed to HelloAutocode class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

📄

● Your last submission has enough score to finish this assignment successfully

Minimum pass score Last submission score

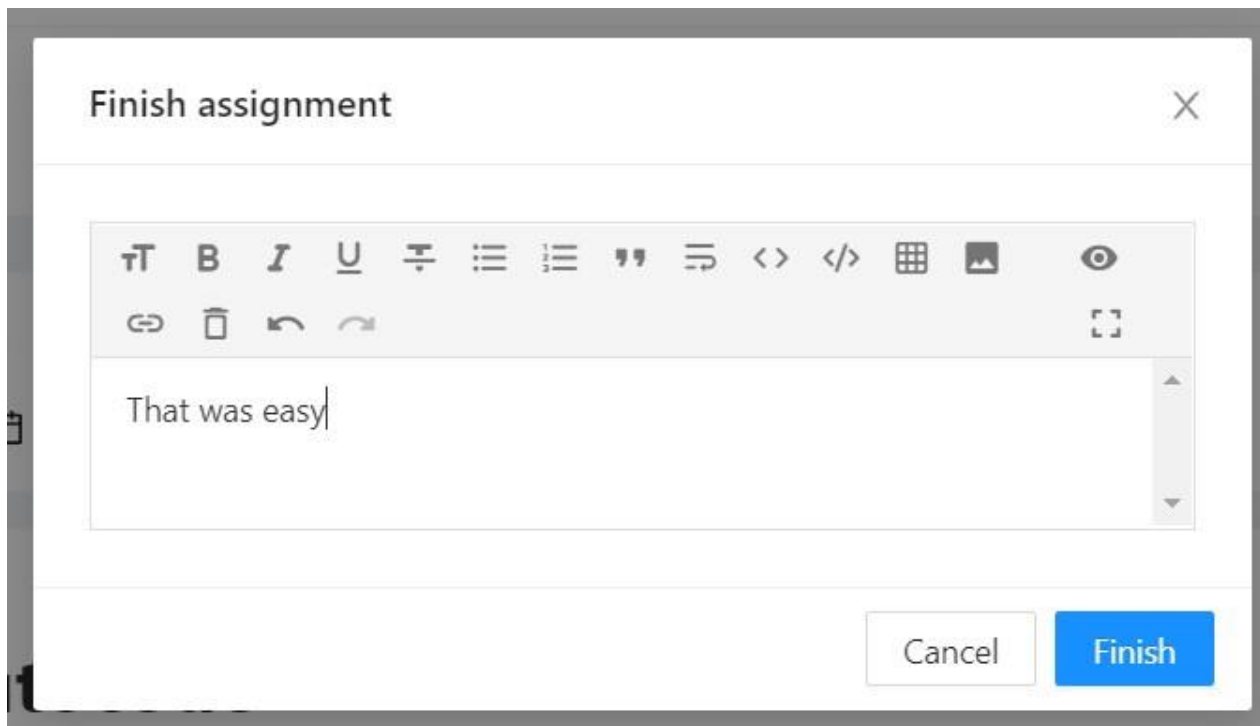
📄 100 🕒 100 / 100

Finish Reset progress

meet-autocode
P master R efimchik_epam

Access repository Change branch

You can leave feedback or report any trouble you have.



Now we see that the exercise has been completed successfully and can proceed to the next one.

Meet Autocode [Show in structure](#)

Finished

Started 11 minutes ago

Review

Meet Autocode

The purpose of this exercise is to make you familiar with the Autocode platform.
Estimated workload of this exercise is 5 minutes.

Description

Please, proceed to HelloAutocode class and write a simple program that prints "Hello, Autocode!" (don't print quote marks).

Minimum pass score

Final score

100

100 Passed [Details](#)

Finished a few seconds ago

Resume

Reset progress

[meet-autocode](#)
P master R efimchik_epam

Access repository