

ABOUT

Documentation

Downloads

GUI Clients
Logos

Community

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to read online for free. Dead tree versions are available on [Amazon.com](#).

Download for Windows

[Click here to download](#) the latest (**2.45.0**) **64-bit** version of **Git for Windows**. This is the most recent [maintained build](#). It was released **5 days ago**, on 2024-04-29.

Other Git for Windows downloads

Standalone Installer

[32-bit Git for Windows Setup](#).

[64-bit Git for Windows Setup](#).

Portable ("thumbdrive edition")

[32-bit Git for Windows Portable](#).

[64-bit Git for Windows Portable](#).

Using winget tool

Install [winget tool](#) if you don't already have it, then type this command in command prompt or Powershell.

```
winget install --id Git.Git -e --source winget
```

The current source code release is version **2.45.0**. If you want the newer version, you can build it from [the source code](#).

Now What?

Now that you have downloaded Git, it's time to start using it.



 Git 2.45.0 Setup

Installing



Please wait while Setup installs Git on your computer.

Extracting files...

C:\Program Files\Git\usr\share\misc\magic.mgc



<https://gitforwindows.org/>

Cancel

ons-bba

Type to search

Overview

Repositories 1

Projects

Packages

Stars

Find a repository...

Type

Sort

New

ons-bba

Public

Ons Belja profile page

Updated 2 weeks ago

Star

Ons Belja Ben Ali

ons-bba

Edit profile

0 followers · 1 following

New repository

Q

Type / to search

>

+

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

ons-bba

Repository name *

1erinfo2-OBA

1erinfo2-OBA is available.

Great repository names are short and memorable. Need inspiration? How about [bug-free-parakeet](#) ?

Description (optional)

Un projet Java

☒ Public

Anyone on the internet can see this repository. You choose who can commit.

☐ Private

You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license



Set up GitHub Copilot

Use GitHub's AI pair programmer to autocomplete suggestions as you code.

[Get started with GitHub Copilot](#)



Add collaborators to this repository

Search for people using their GitHub username or email address.

[Invite collaborators](#)

Quick setup — if you've done this kind of thing before

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) <https://github.com/ons-bba/1erinfo2-0BA.git>

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# 1erinfo2-0BA" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/ons-bba/1erinfo2-0BA.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/ons-bba/1erinfo2-0BA.git
git branch -M main
git push -u origin main
```

ProTip! Use the URL for this page when adding GitHub as a remote.

ons-bba / 1erinfo2-OBA

Q Type [7] to search

+ ▾

🔍

🔊

📧

👤

<> Code

🕒 Issues

🔀 Pull requests

🔄 Actions

📁 Projects

📖 Wiki

🛡 Security

📊 Insights

⚙ Settings

1

General

Access

2 Collaborators

Moderation options ▾

Code and automation

Branches

Tags

Rules ▾

Actions ▾

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets and variables ▾

Integrations

Who has access

PUBLIC REPOSITORY

👁

This repository is public and visible to anyone.

Manage

DIRECT ACCESS

👤

0 collaborators have access to this repository. Only you can contribute to this repository.

Manage access

3

👤

You haven't invited any collaborators yet

Add people

ons-bba / 1erinfo2-OBA

Type to search

CodeIssuesPull requestsActionsProjects

General

Access

Collaborators

Moderation options

Code and automation

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Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets and variables

Integrations

Add a collaborator to 1erinfo2-OBA

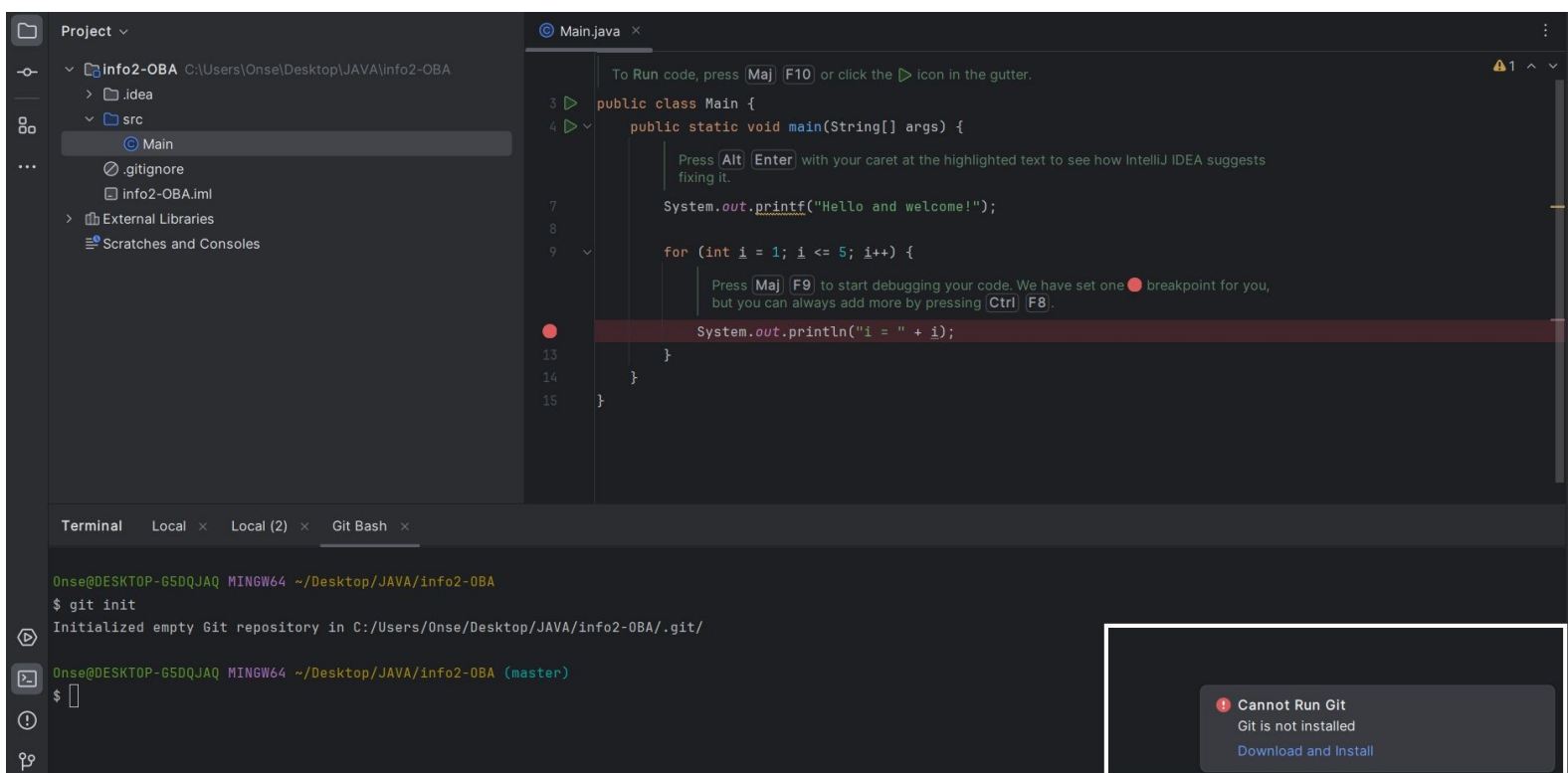
hamza.benali@esprit.tn

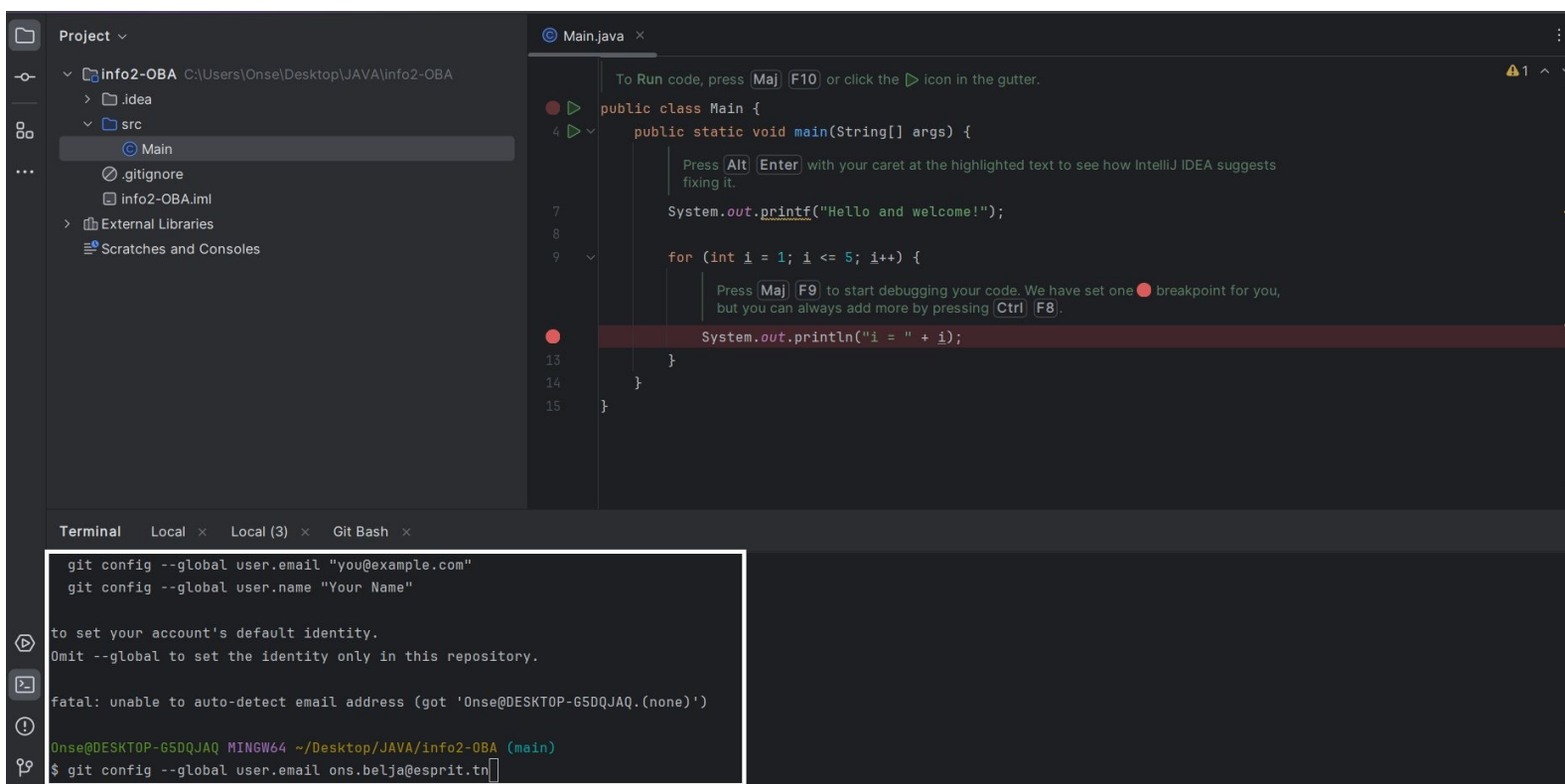
hamza.benali@esprit.tn

Select a collaborator above

You haven't invited any collaborators yet

Add people





Commit

Changes

Amend

Commit Message

Commit

Commit and Push...

Main.java

.gitignore

GitMethode.java

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

no usages

```
public static boolean isEven(int n) {  
    return n % 2 == 0;  
}
```

1 usage

```
public static long factorial(int n) {  
    if (n == 0) {  
        return 1;  
    } else {  
        return n * factorial(n - 1);  
    }  
}
```

Terminal

Local

Local (3)

Git Bash

Local (2)

Your branch is up to date with 'origin/main'.

Untracked files:
(use "git add <file>..." to include in what will be committed)
src/GitMethode.java

nothing added to commit but untracked files present (use "git add" to track)

Onse@DESKTOP-650QJ4Q MINGW64 ~/Desktop/JAVA/info2-0BA (main)
\$

info2-0BA

> src

> GitMethode

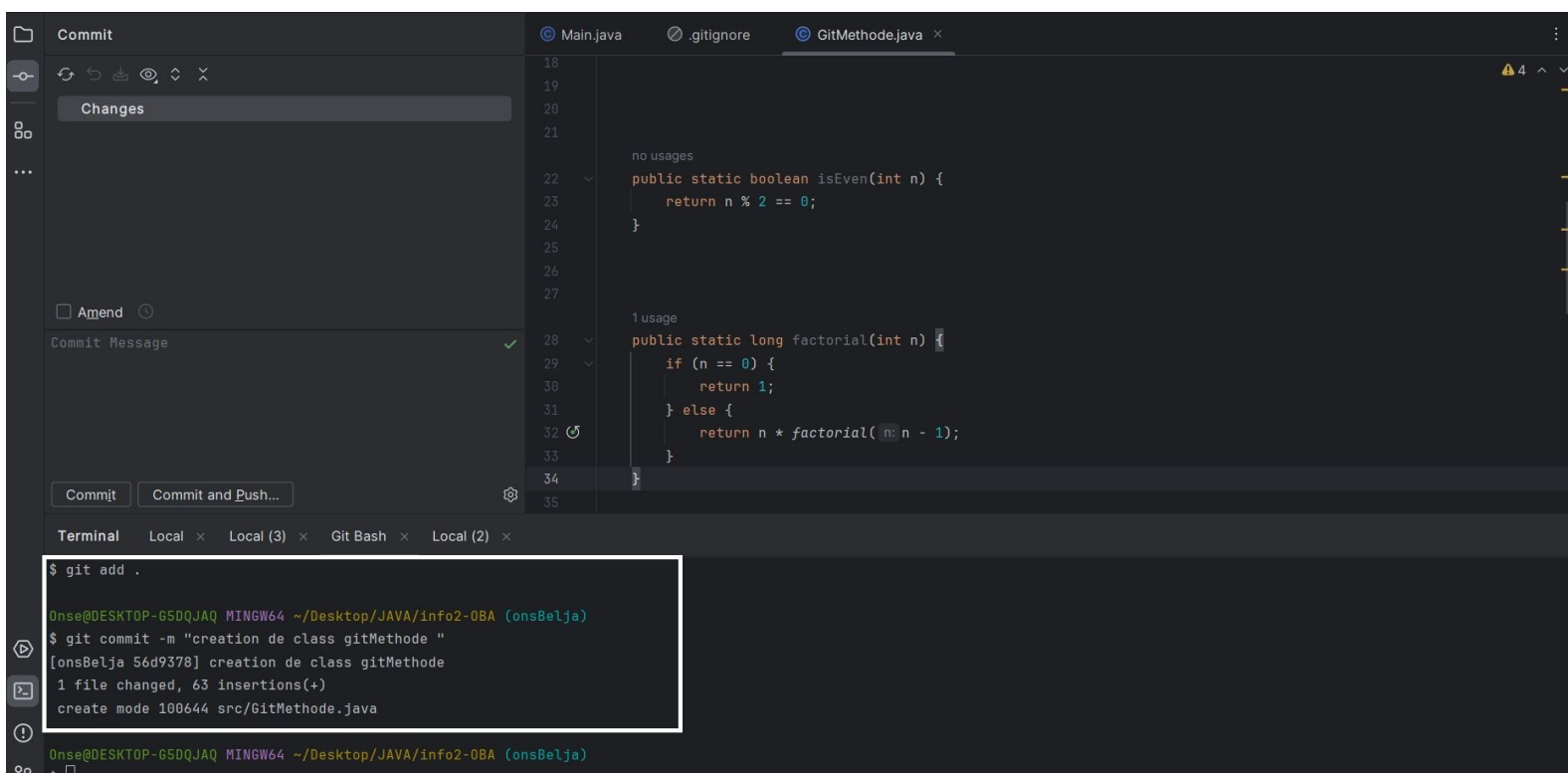
> factorial

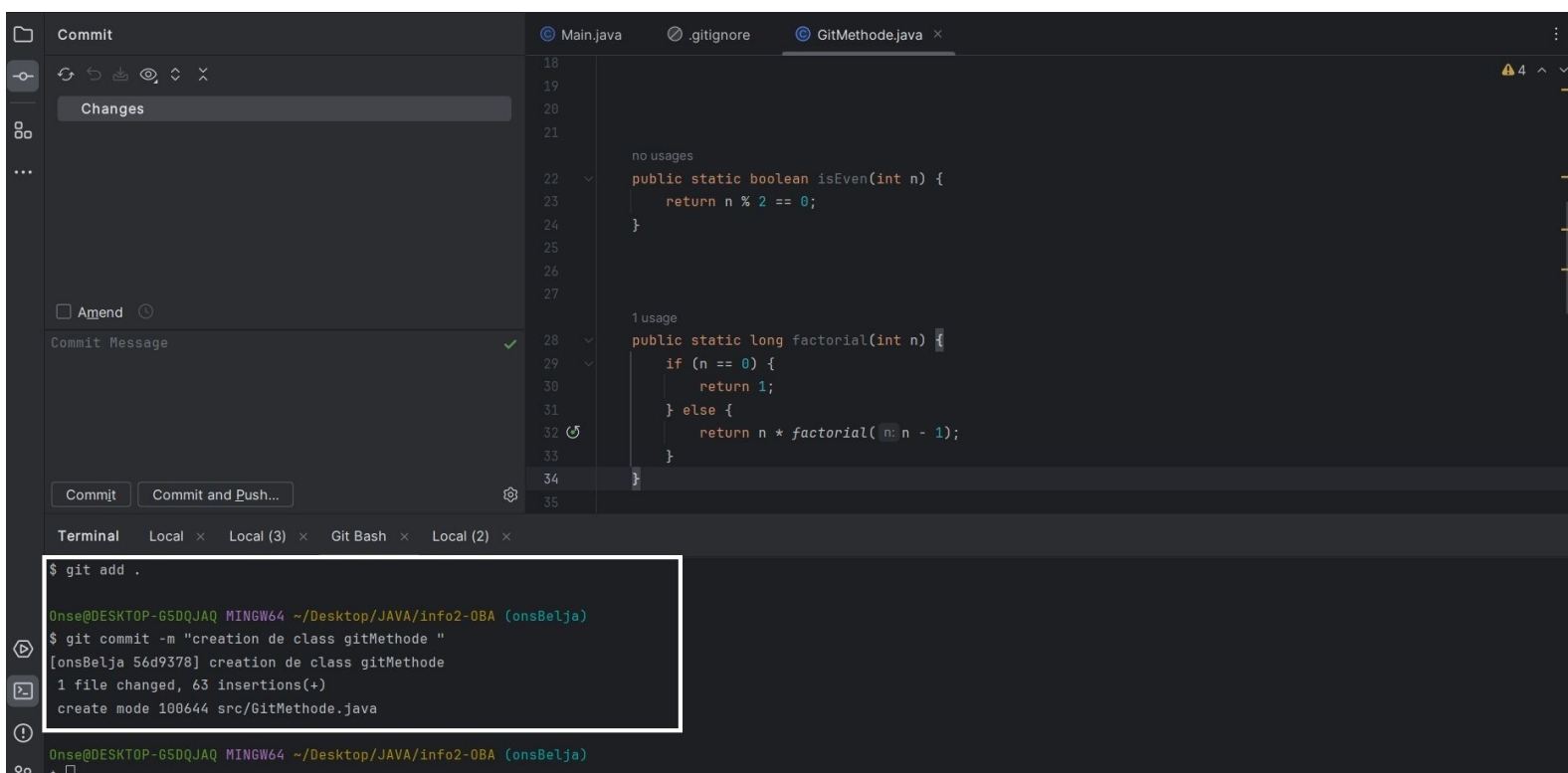
34:6

CRLF

UTF-8

4 spaces





Commit

Changes

Amend

Commit Message

Commit

Commit and Push...

Terminal

Local x Local (3) x Git Bash x Local (2) x

```
git push --set-upstream origin onsBelja

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

PS C:\Users\0nse\Desktop\JAVA\info2-0BA> git push --set-upstream origin onsBelja
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 574 bytes | 574.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'onsBelja' on GitHub by visiting:
remote:   https://github.com/ons-bba/1erinfo2-0BA/pull/new/onsBelja
remote:
To https://github.com/ons-bba/1erinfo2-0BA.git
 * [new branch]      onsBelja -> onsBelja

branch 'onsBelja' set up to track 'origin/onsBelja'.
PS C:\Users\0nse\Desktop\JAVA\info2-0BA>
```

Main.java

.gitignore

GitMethode.java x

29

30

31

32

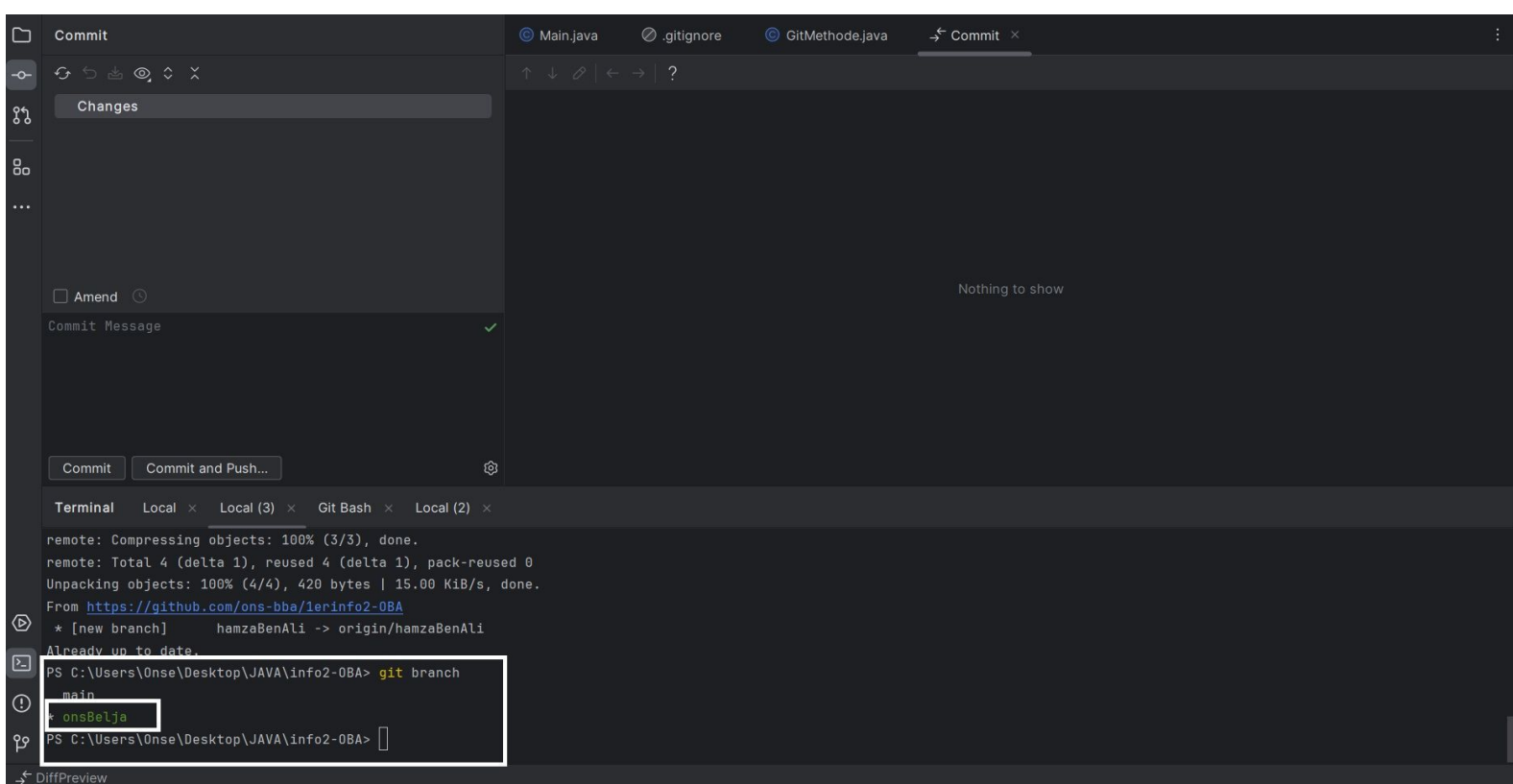
33

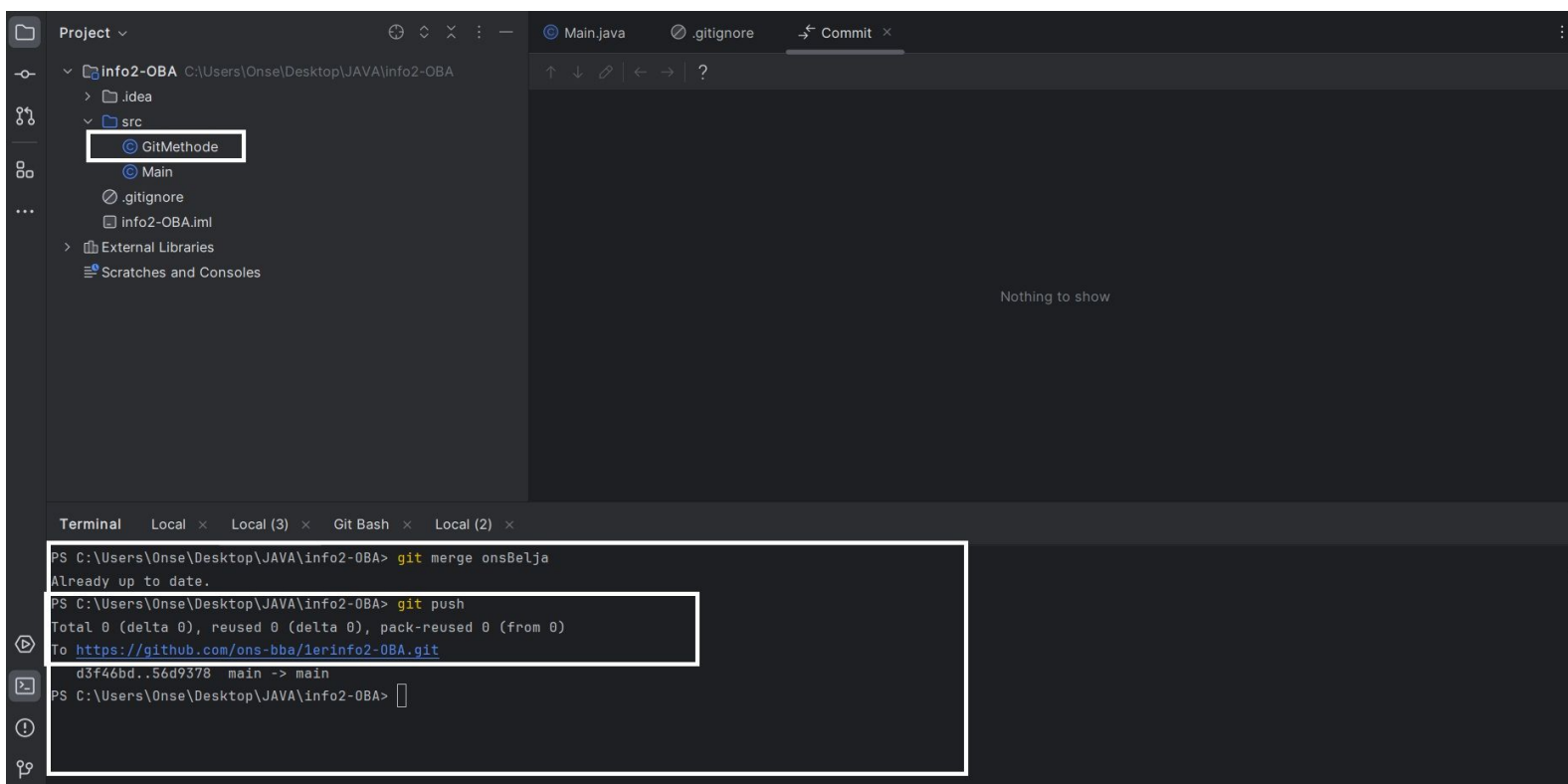
34

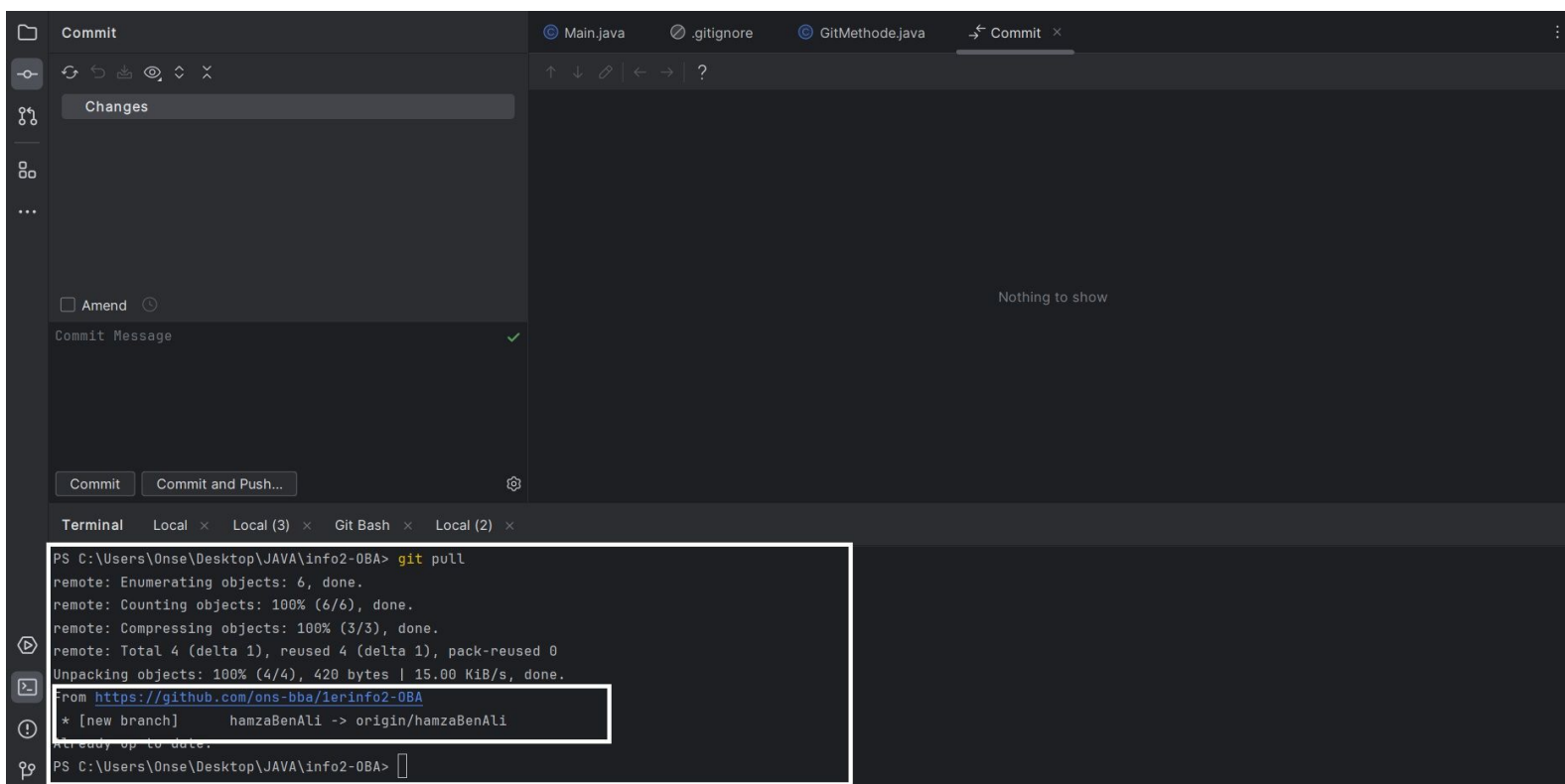
35

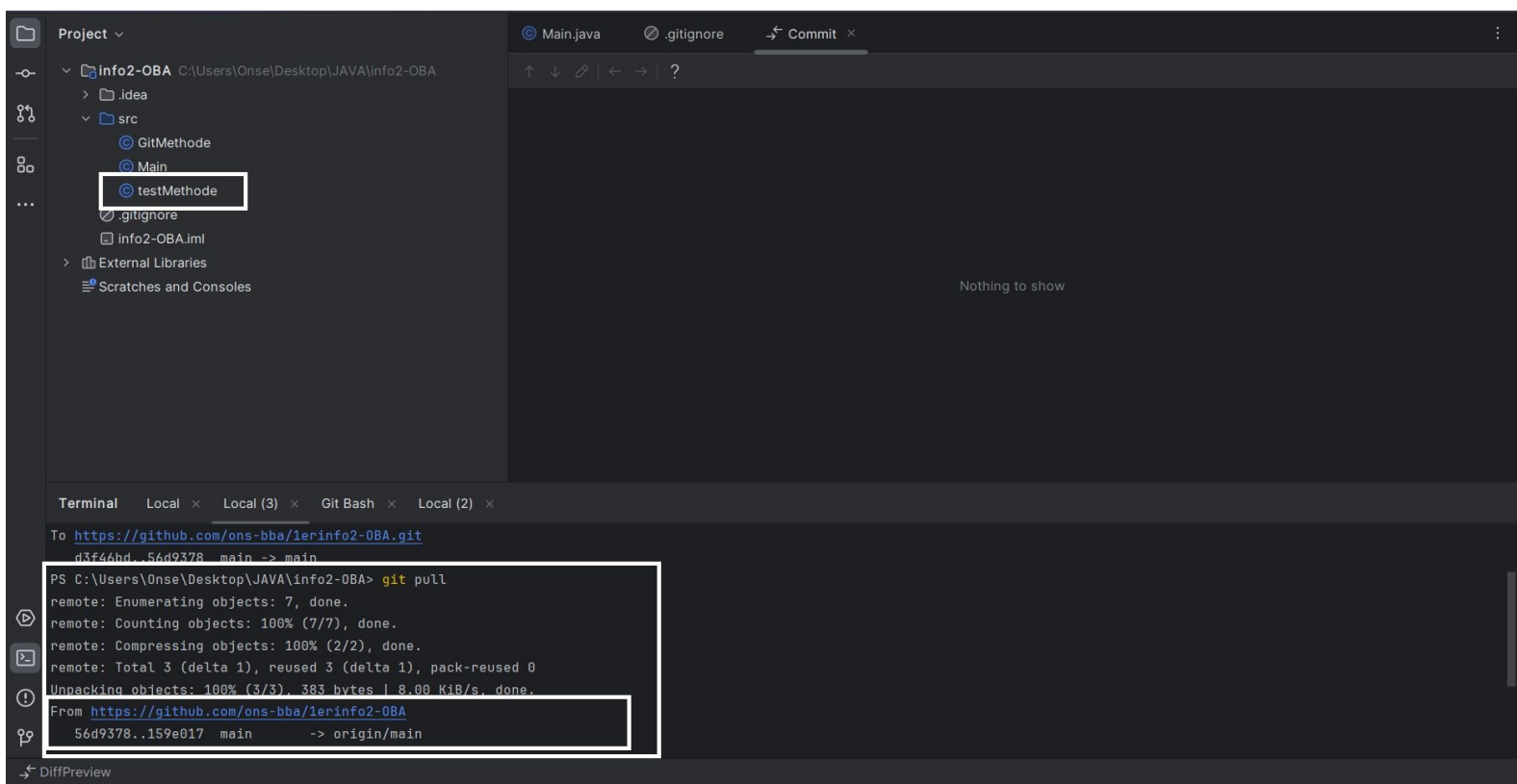
36

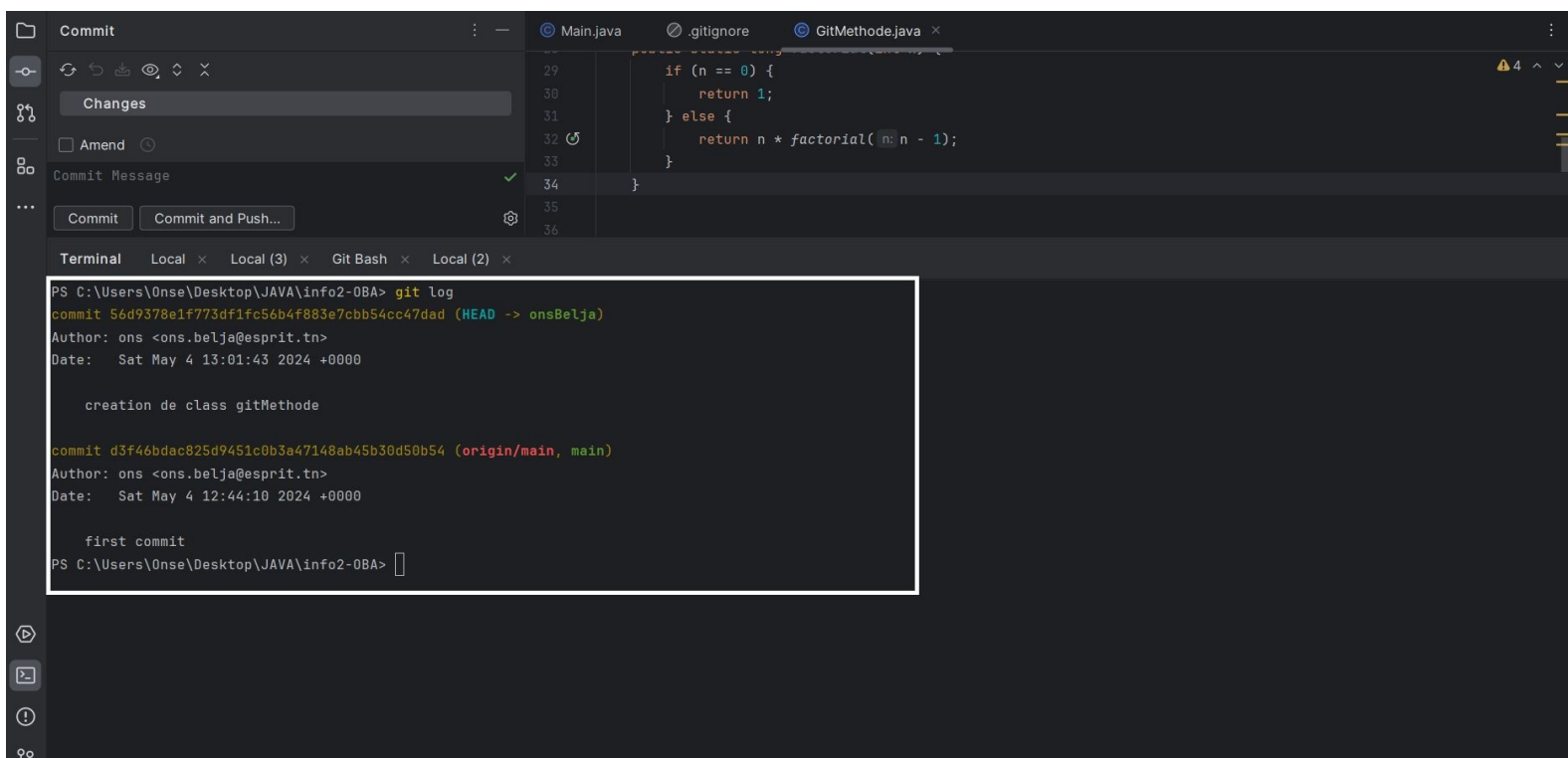
```
if (n == 0) {
    return 1;
} else {
    return n * factorial(n - 1);
}
```











Commit

Changes

Amend

Commit Message

Commit

Commit and Push...

Main.java

16

17

18

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31

32

33

34

35

return (double) sum / array.length;

}

no usages 1 ons

public static boolean isEven(int n){ return n % 2 == 0; }

1 usage 1 ons

public static long factorial(int n) {

if (n == 0) {

return 1;

} else {

return n * factorial(n - 1);

}

}

Git

Log

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Branch

User

Date

Paths

+

↺

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↺

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🔍

HEAD (Current Branch)

Local

onsBelja

main

Remote

origin

main

creation de class gitMethode

first commit

onsBelja

ons

2 minutes ago

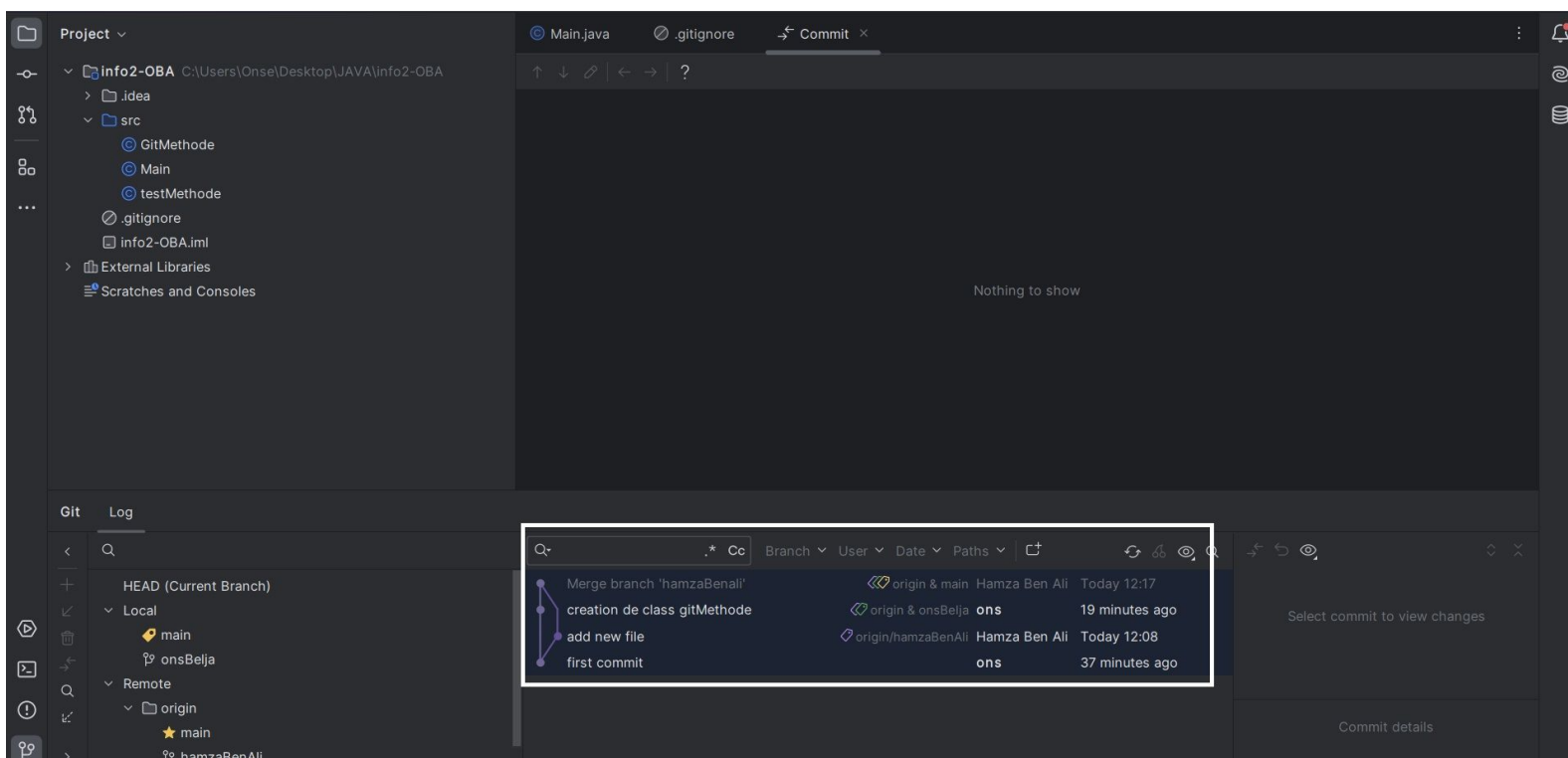
origin & main

ons

20 minutes ago

Select commit to view changes

Commit details



Commit

Changes

Amend

Commit Message

Commit

Commit and Push...

Main.java

.gitignore

GitMethode.java

18

19

20

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35

no usages

public static boolean isEven(int n) {
 return n % 2 == 0;
}

1 usage

public static long factorial(int n) {
 if (n == 0) {
 return 1;
 } else {
 return n * factorial(n - 1);
 }
}

Terminal

Local

Local (3)

Git Bash

Local (2)

src/GitMethode.java

nothing added to commit but untracked files present (use "git add" to track)

Onse@DESKTOP-G5DQJ4Q MINGW64 ~/Desktop/JAVA/info2-0BA (main)

\$ git checkout -b onsBelja

Switched to a new branch 'onsBelja'

Onse@DESKTOP-G5DQJ4Q MINGW64 ~/Desktop/JAVA/info2-0BA (onsBelja)

\$

Project

info2-OBA

.idea

src

GitMethode

Main

testMethode

.gitignore

info2-OBA.iml

External Libraries

Scratches and Consoles

Main.java

.gitignore

Commit

To Run code, press **⌘** **F10** or click the **▶** icon in the gutter.

3

▶

public class Main {

4

▶

public static void main(String[] args) {

7

System.out.printf("Hello and welcome!");

8

9

for (int i = 1; i <= 5; i++) {

12

System.out.println("i = " + i);

13

}

14

}

15

}

Git

Log

<

Q

.* Cc

Branch

User

Date

Paths

↺ ↻ 🔍

↵ ↶ 🔍

⌵ ✕

HEAD (Current Branch)

Local

main

onsBelja

Remote

origin

main

hamzaBenAli

● Merge branch 'hamzaBenali'

● creation de class gitMethode

● add new file

● first commit

origin & main

origin & onsBelja

origin/hamzaBenAli

Hamza Ben Ali

ons

Hamza Ben Ali

ons

Today 12:17

21 minutes ago

Today 12:08

39 minutes ago

Select commit to view changes

Commit details

Commit

Changes 1 file

GitMethode.java src

Amend

Commit Message

Commit

Commit and Push...

Side-by-side viewer

Do not ignore

Highlight words

3 differences, 0 included

Commit: GitMethode.java

1

2

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15

16

17

1

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14

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16

17

public class GitMethode {

public static int sum(int[] array) {

int sum = 0;

for (int element : array) {

sum += element;

}

return sum;

}

public static double average(int[] array) {

int sum = sum(array);

return (double) sum / array.length;

}

public class GitMethode {

public static int sum(int[] array) {

int somme = 0;

for (int element : array) {

somme += element;

}

return somme;

}

public static double average(int[] array) {

int sum = sum(array);

return (double) sum / array.length;

}

Terminal

Local

Local (3)

Git Bash

Local (2)

8 files changed, 31 insertions(+)

create mode 100644 .idea/sonarlint/issuestore/6/5/65c79c28a8f7c313d8c0e27e0e5b11e74291928e

create mode 100644 .idea/sonarlint/issuestore/9/2/924f089edb4af5ee45c8a9d1129cd28e2b368138

create mode 100644 .idea/sonarlint/issuestore/index.pb

create mode 100644 .idea/sonarlint/securityhotspotstore/6/5/65c79c28a8f7c313d8c0e27e0e5b11e74291928e

create mode 100644 .idea/sonarlint/securityhotspotstore/9/2/924f089edb4af5ee45c8a9d1129cd28e2b368138

create mode 100644 .idea/sonarlint/securityhotspotstore/index.pb

PS C:\Users\Onse\Desktop\JAVA\info2-0BA> git checkout -b onseljaConflit

Switched to a new branch 'onseljaConflit'

PS C:\Users\Onse\Desktop\JAVA\info2-0BA>

The screenshot shows an IDE interface with three main components:

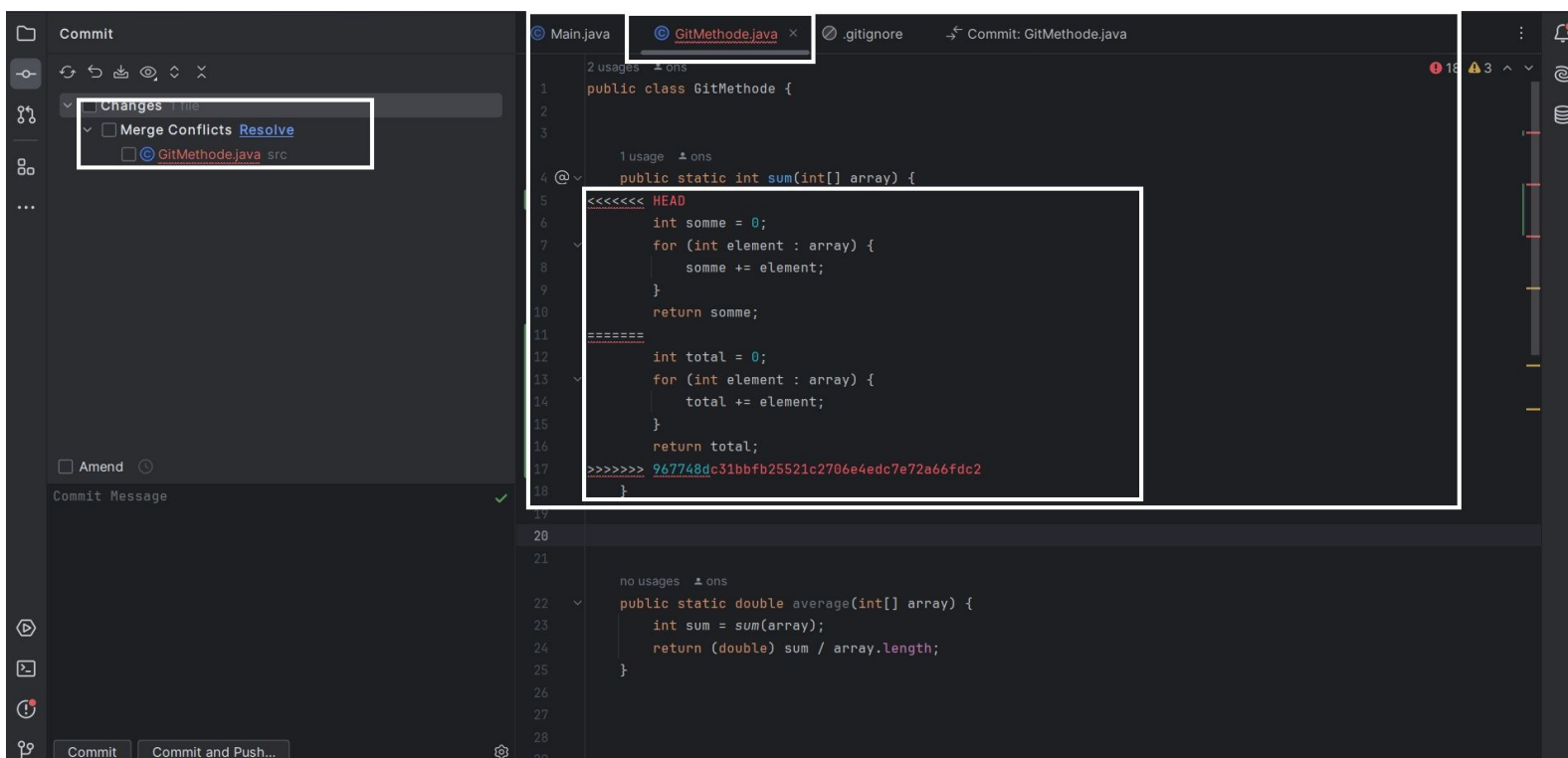
- Commit Window (Left):** Displays "Changes 1 file" with a checkbox for "Merge Conflicts Resolve". Below it, "Commit Message" is visible with a green checkmark. Buttons for "Commit" and "Commit and Push..." are at the bottom.
- Code Editor (Right):** Shows the file `GitMethode.java`. Lines 16-19 contain a conflict in the `return` statement:

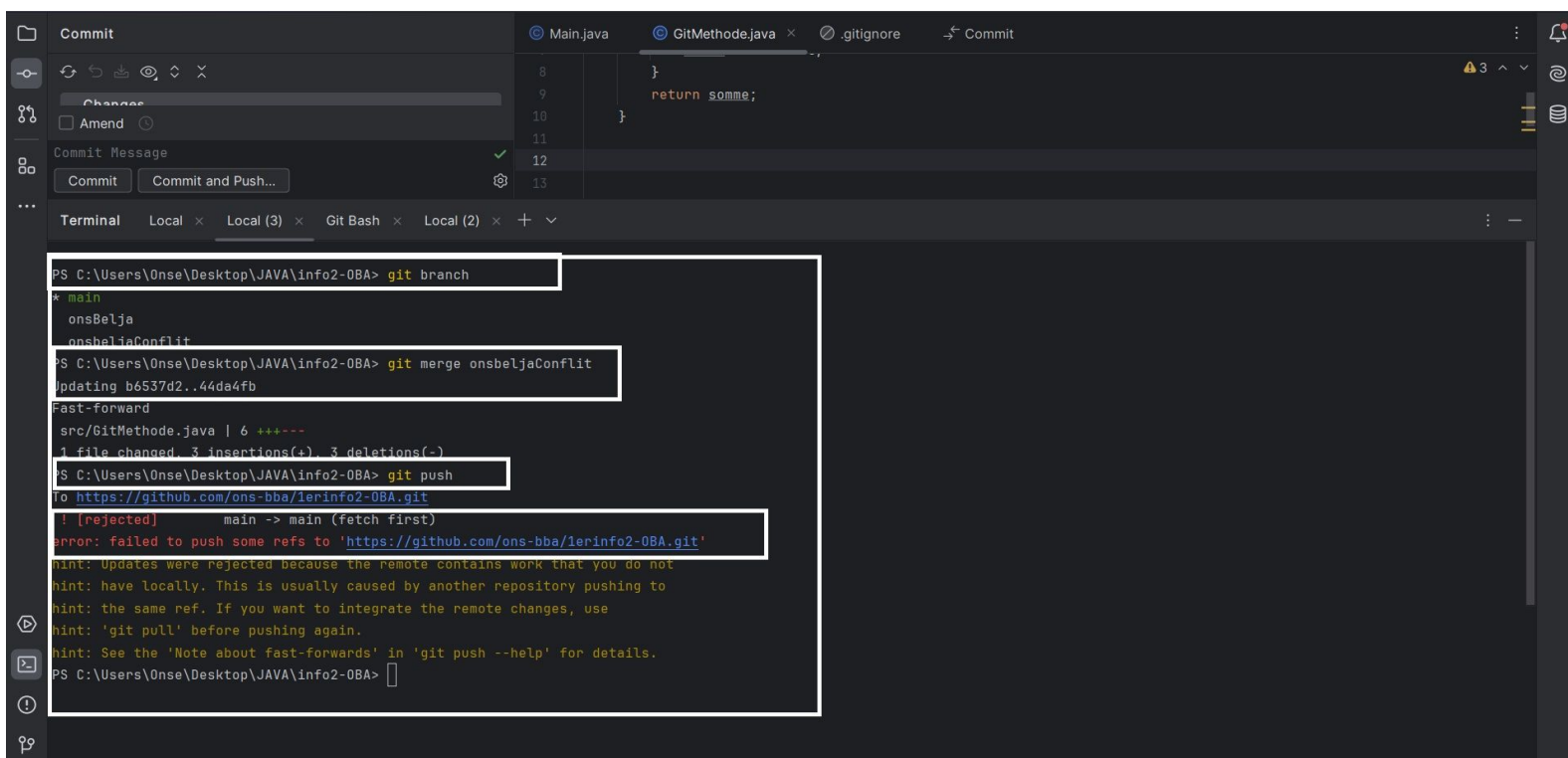
```
16         return total;  
17         >>>>>> 967748dc31bbfb25521c2706e4edc7e72a66fdc2  
18     }  
19
```

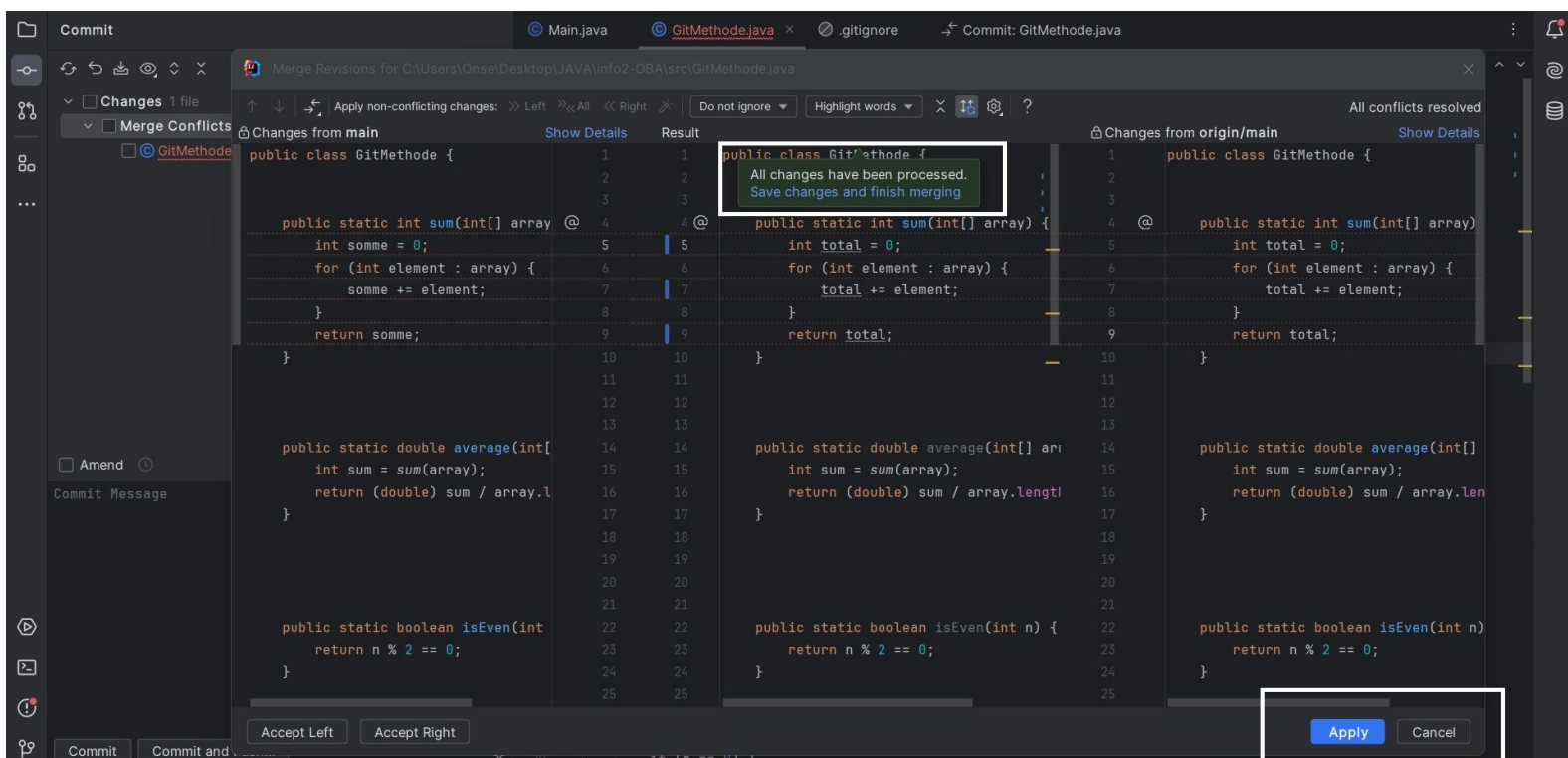
Lines 22-26 show the `average` method:

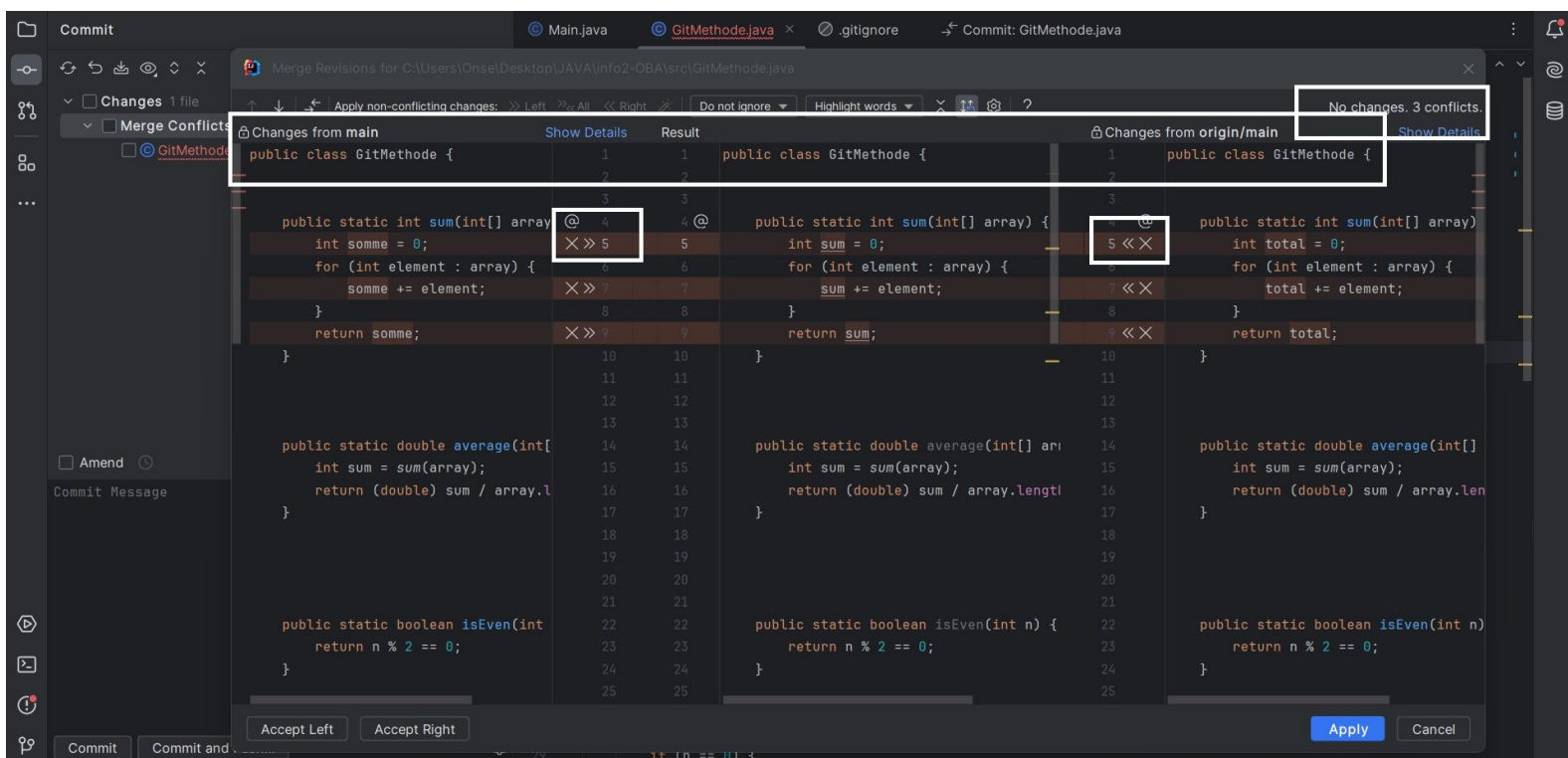
```
22     no usages 1 ons  
23     public static double average(int[] array) {  
24         int sum = sum(array);  
25         return (double) sum / array.length;  
26     }
```
- Terminal (Bottom):** Shows the output of a `git pull` command:

```
PS C:\Users\Onse\Desktop\JAVA\info2-0BA> git pull  
remote: Enumerating objects: 7, done.  
remote: Counting objects: 100% (7/7), done.  
remote: Compressing objects: 100% (2/2), done.  
remote: Total 4 (delta 2), reused 4 (delta 2), pack-reused 0  
Unpacking objects: 100% (4/4), 415 bytes | 6.00 KiB/s, done.  
From https://github.com/ons-bba/1erinfo2-0BA  
   b6537d2..967748d  main       -> origin/main  
   * [new branch]   conflic2   -> origin/conflic2  
Auto-merging src/GitMethode.java  
CONFLICT (content): Merge conflict in src/GitMethode.java  
Automatic merge failed; fix conflicts and then commit the result.  
PS C:\Users\Onse\Desktop\JAVA\info2-0BA>
```







Commit

Changes 1 file

GitMethode.java src

Amend

Commit Message

Commit

Commit and Push...

Main.java

GitMethode.java

.gitignore

Commit: GitMethode.java

2 usages

ons *

1 public class GitMethode {

2

3

4 @

5 public static int sum(int[] array) {

6 int total = 0;

7 for (int element : array) {

8 total += element;

9 }

10 return total;

11 }

12

Terminal

Local

Local (3)

Git Bash

Local (2)

Unpacking objects: 100% (4/4), 415 bytes | 6.00 KiB/s, done.
From <https://github.com/ons-bba/1erinfo2-0BA>
b6537d2..967748d main -> origin/main
* [new branch] conflic2 -> origin/conflic2
Auto-merging src/GitMethode.java
CONFLICT (content): Merge conflict in src/GitMethode.java
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\Onse\Desktop\JAVA\info2-0BA> git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Disable this message with "git config advice.addEmptyPathsSpec false"
PS C:\Users\Onse\Desktop\JAVA\info2-0BA> git push -f
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To <https://github.com/ons-bba/1erinfo2-0BA.git>
+ 967748d...44da4fb main -> main (forced update)
PS C:\Users\Onse\Desktop\JAVA\info2-0BA>