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Zust BD212

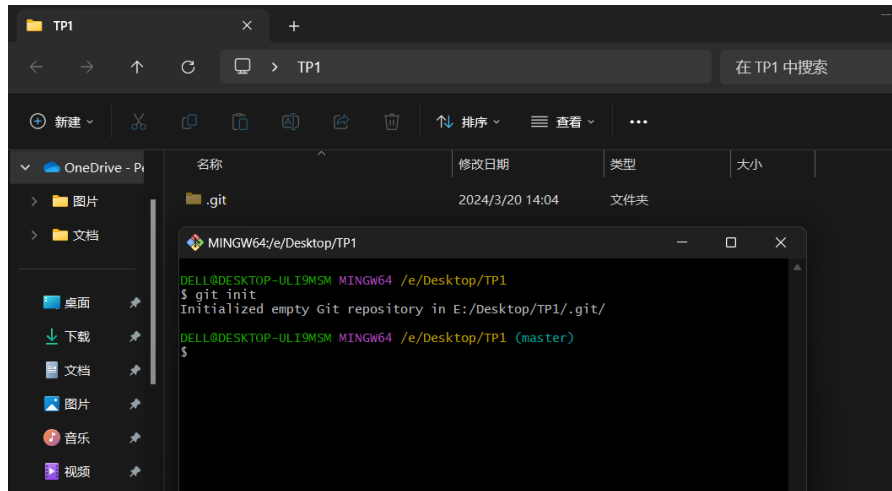
Elie 1211024054

Henri 1210514066

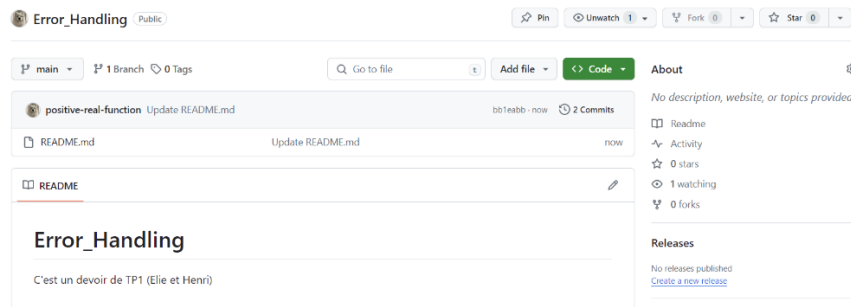
Github repo:

[https://github.com/positive-real-function/
Error_Handling.git](https://github.com/positive-real-function/Error_Handling.git)

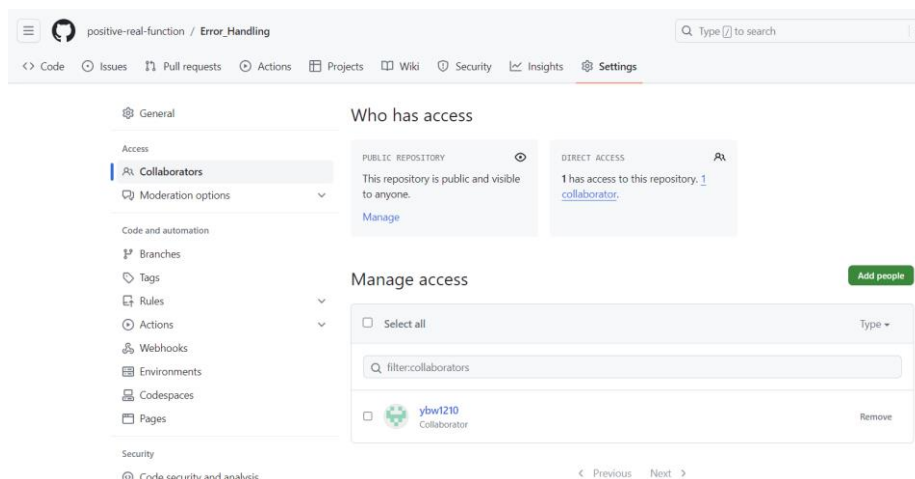
1.1 Create your local repo with "git init"



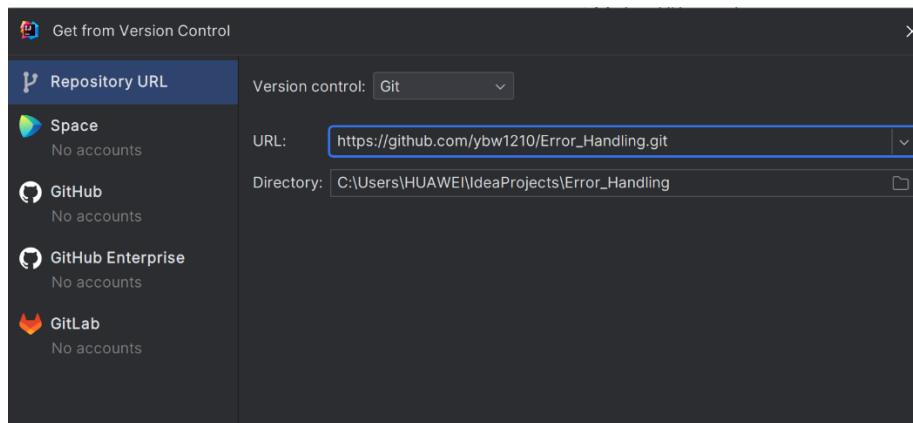
1.2 put my repo on Github



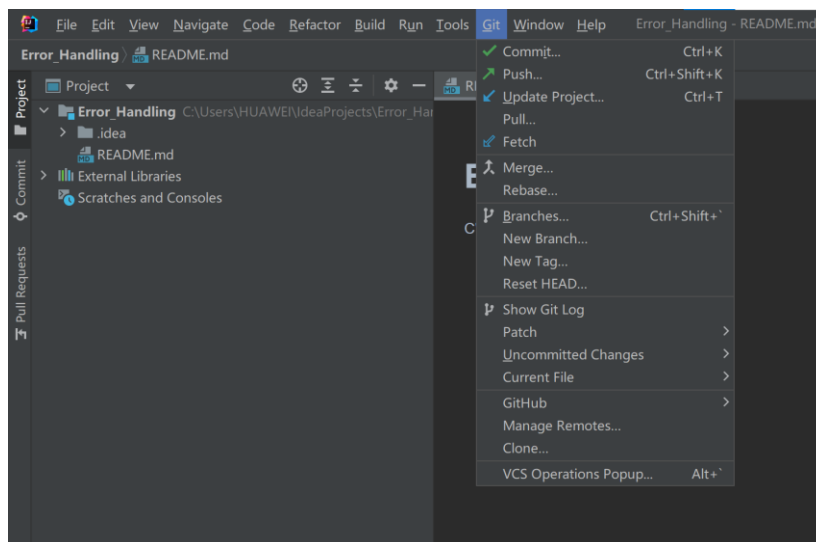
1.3 send the link to the collaborator and offer the developer authorization



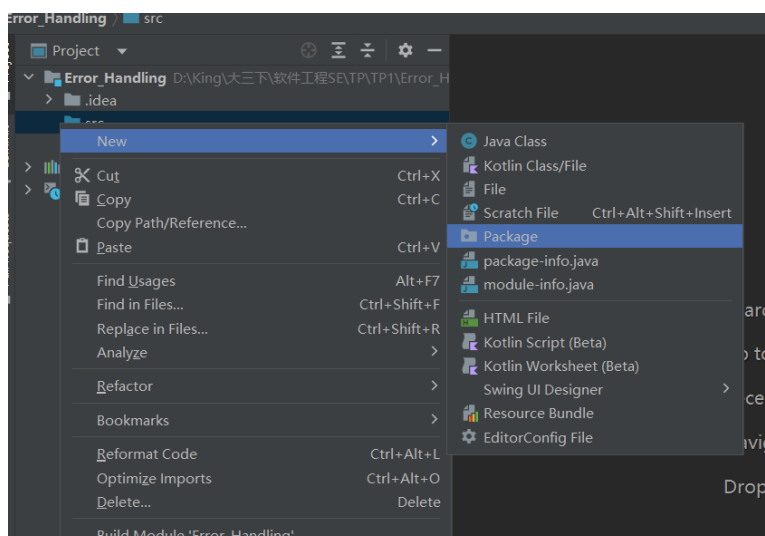
1.4 clone the repo by URL



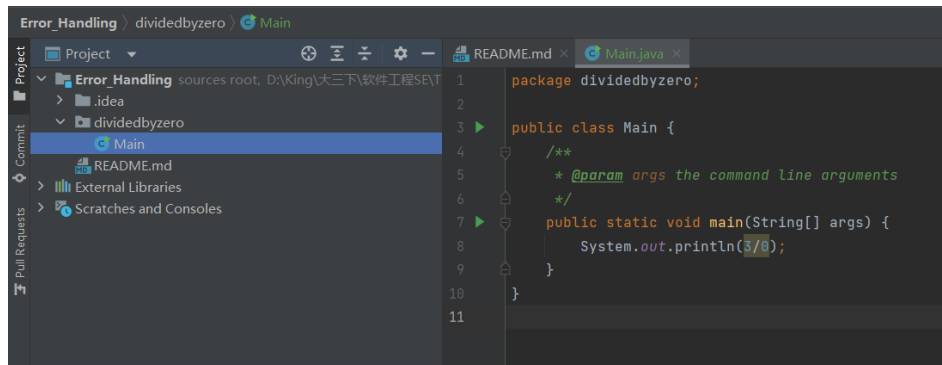
1.5 Active the Git view in my IDE



2.1 Create a new Java project named “Error Handling”



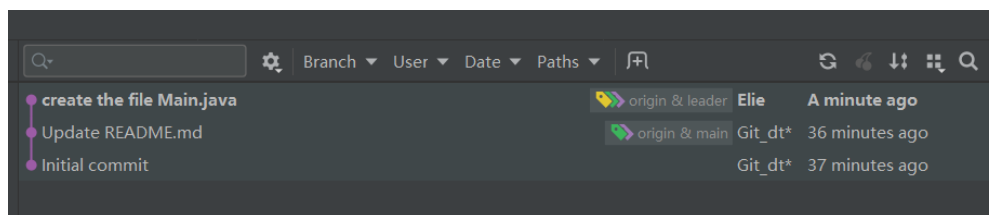
2.2 In the project, create a new package named “dividedbyzero”, then create the Main.java file as follows, then run the program.



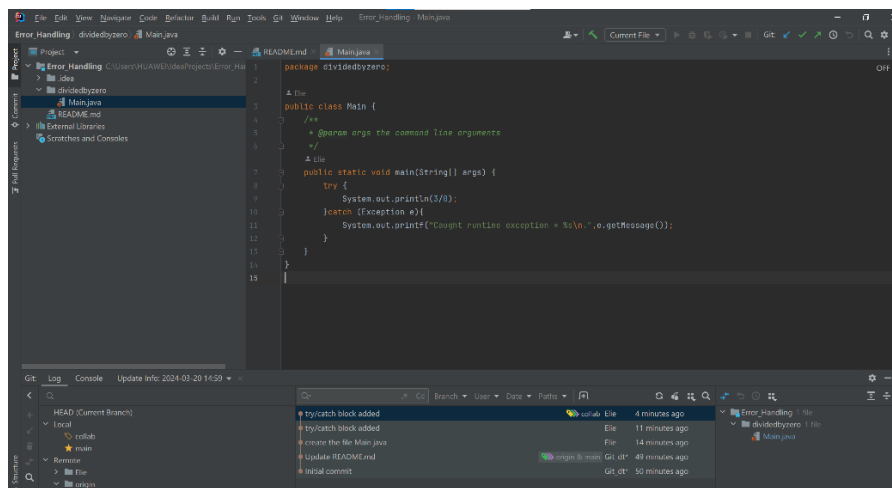
The output is :

```
Exception in thread "main" java.lang.ArithmeticException: / by zero
    at dividedbyzero.Main.main(Main.java:9)
```

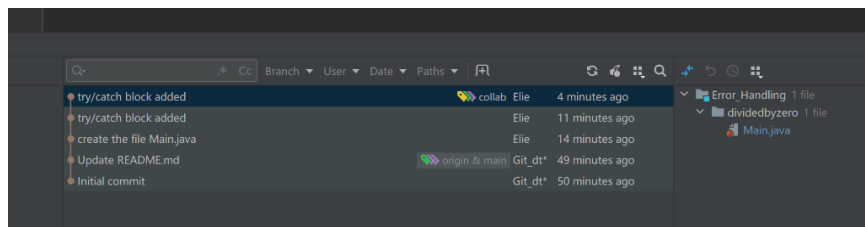
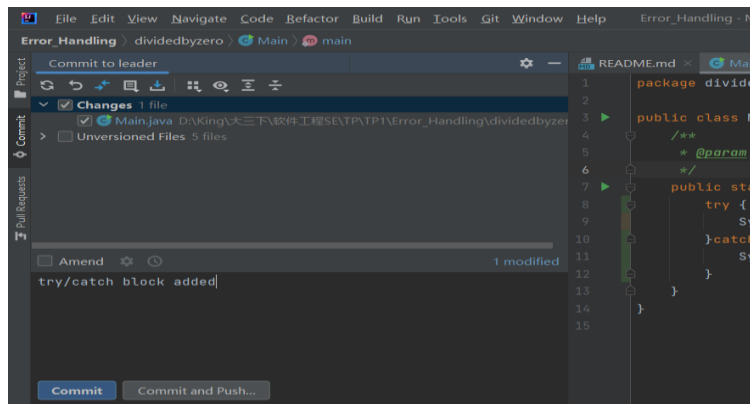
Commit and push



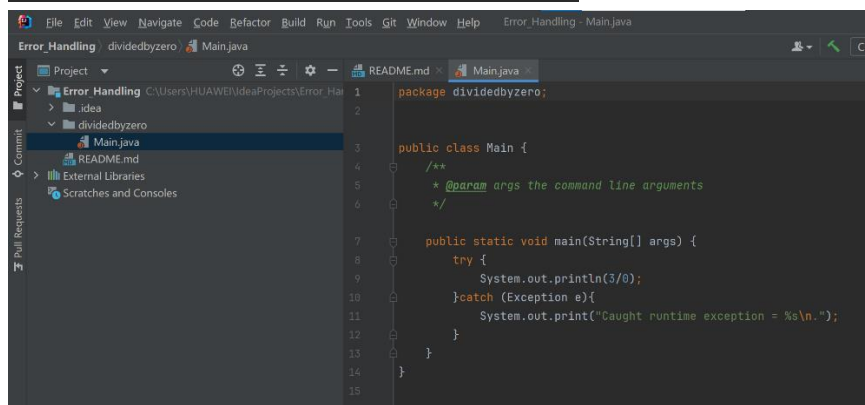
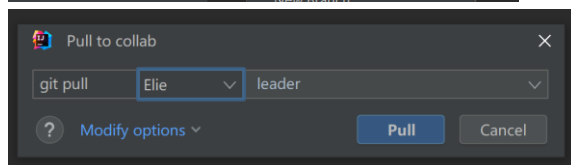
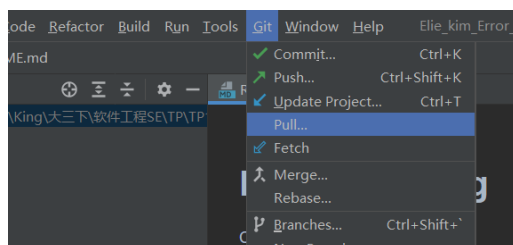
2.3a Modify the programme with try/catch, use catch (Exception e) to handle the error message and print the error message in the form of Caught runtime exception = %s\n.



2.3b Commit this version and pull it to the remote repository.
(with message information : “try/catch block added”)



2.3c For the collaborator: Once the new version is pushed to the repository, update your local repo with git pull



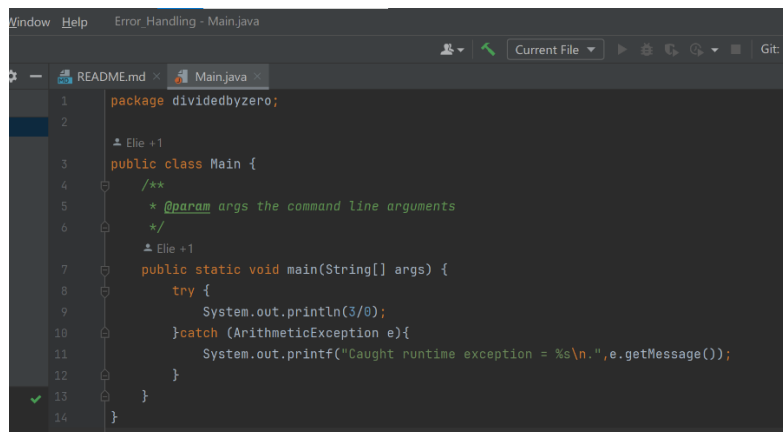
Pulls the updates from the remote repository to the repo local.

2.3d For the collaborator: specify the exception to be caught by:

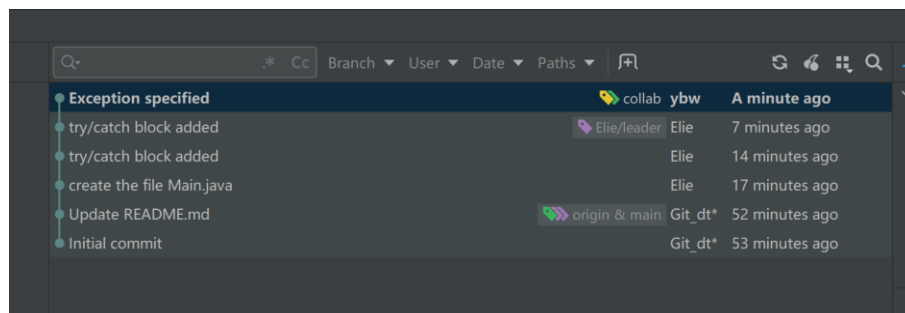
catch (**ArithmeticException e**)

Then, commit (with message information: “Exception specified”)

and push the new version to the remote repo



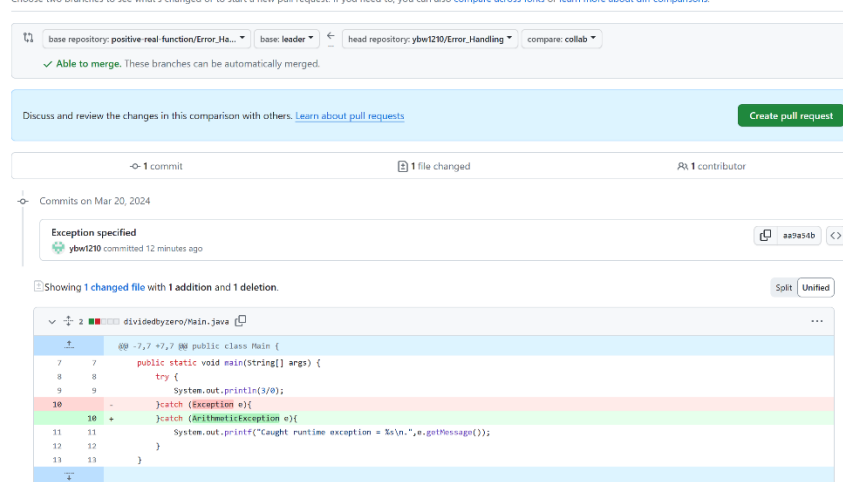
```
1 package dividedbyzero;
2
3 public class Main {
4     /**
5      * @param args the command line arguments
6      */
7     public static void main(String[] args) {
8         try {
9             System.out.println(3/0);
10        } catch (ArithmeticException e){
11            System.out.printf("Caught runtime exception = %s\n.",e.getMessage());
12        }
13    }
14 }
```



Pull request to leader

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).



base repository: positive-real-function/Error_Ha... | base: leader | head repository: ybw1210/Error_Handling | compare: collab

✓ Able to merge. These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#) [Create pull request](#)

1 commit | 1 file changed | 1 contributor

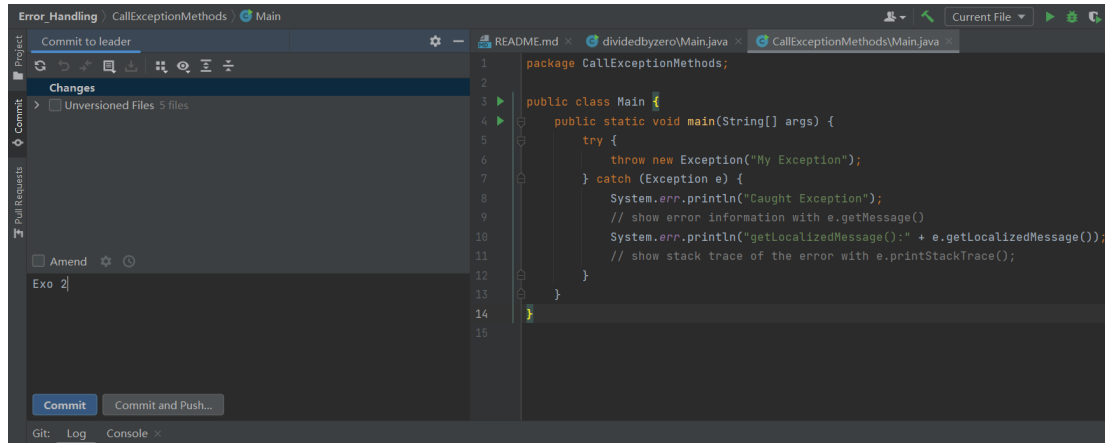
Commits on Mar 20, 2024

Exception specified
ybw1210 committed 12 minutes ago

Showing 1 changed file with 1 addition and 1 deletion.

```
dividedbyzero/Main.java
@@ -7,7 +7,7 @@ public class Main {
7 7 public static void main(String[] args) {
8 8     try {
9 9         System.out.println(3/0);
10 10     } catch (Exception e){
11 11     } catch (ArithmeticException e){
12 12         System.out.printf("Caught runtime exception = %s\n.",e.getMessage());
13 13     }
14 }
```

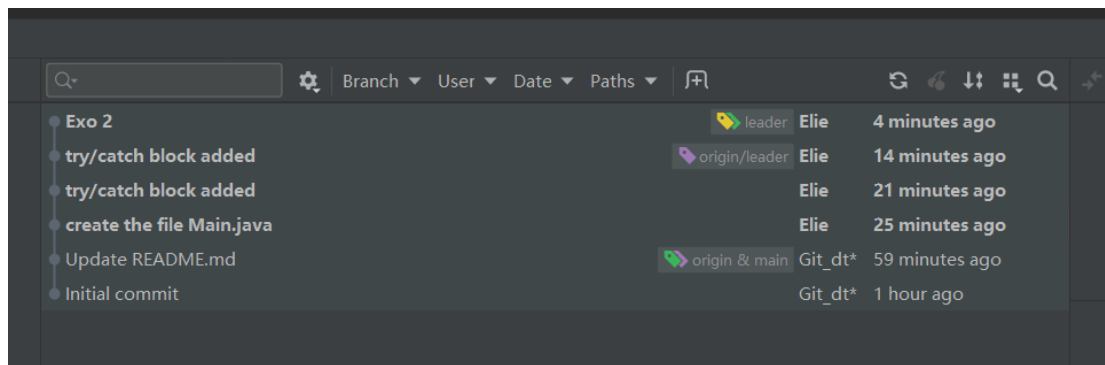
2.4 In Create a new package named “**CallExceptionMethods**” In this package, create a Main.java class with following code and complete the commented part in green



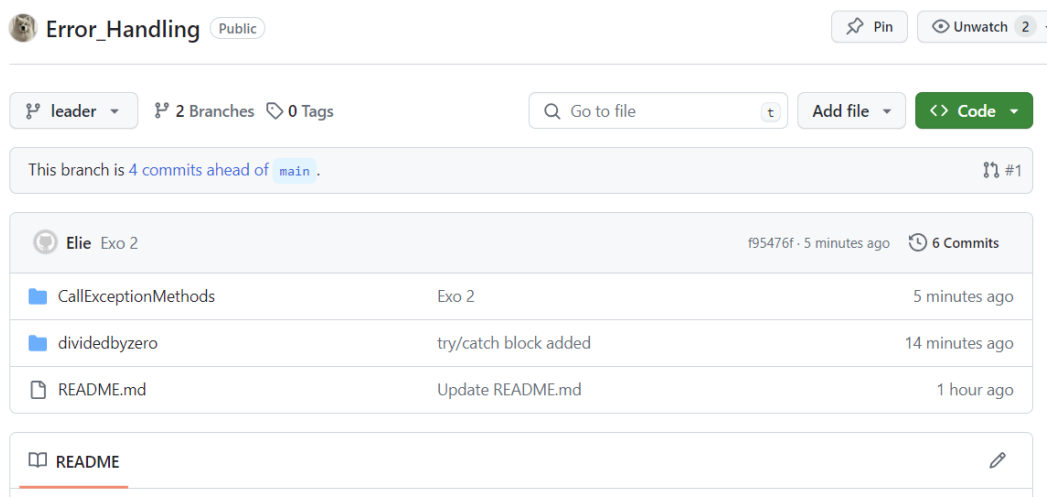
The screenshot shows an IDE window with the following content:

- Project Explorer:** Shows a project named "Error_Handling" with a sub-package "CallExceptionMethods" and a file "Main".
- Changes:** Shows "Unversioned Files: 5 files".
- Code Editor:** Contains the following Java code:

```
1 package CallExceptionMethods;
2
3 public class Main {
4     public static void main(String[] args) {
5         try {
6             throw new Exception("My Exception");
7         } catch (Exception e) {
8             System.err.println("Caught Exception");
9             // show error information with e.getMessage()
10            System.err.println("getLocalizedMessage()" + e.getLocalizedMessage());
11            // show stack trace of the error with e.printStackTrace();
12        }
13    }
14 }
15
```



	Branch	User	Date	Paths
Exo 2	leader	Elie	4 minutes ago	
try/catch block added	origin/leader	Elie	14 minutes ago	
try/catch block added		Elie	21 minutes ago	
create the file Main.java		Elie	25 minutes ago	
Update README.md	origin & main	Git_dt*	59 minutes ago	
Initial commit		Git_dt*	1 hour ago	



Error_Handling Public Pin Unwatch 2

leader 2 Branches 0 Tags Go to file Add file Code

This branch is 4 commits ahead of [main](#).

Elie	Exo 2	195476f · 5 minutes ago	6 Commits
CallExceptionMethods	Exo 2	5 minutes ago	
dividedbyzero	try/catch block added	14 minutes ago	
README.md	Update README.md	1 hour ago	

[README](#)

Accept the request and Merge branch

This screenshot shows a GitHub pull request interface for a repository named 'positive-real-function' with the branch 'Error_Handling'. The pull request is titled 'Exception specified #2' and is currently open. It shows a conversation with a comment from 'ybw1210' stating 'No description provided.' and a status of 'Exception specified'. The interface includes a sidebar with navigation links (Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings) and a right-hand panel with metadata (Reviewers, Assignees, Labels, Projects, Milestone, Development). A central panel displays a list of rules and a green checkmark indicating 'This branch has no conflicts with the base branch'. At the bottom, there is a 'Merge pull request' button.

positive-real-function / Error_Handling

Exception specified #2

ybw1210 wants to merge 1 commit into positive-real-function:main from ybw1210:collab

Conversation 0 Commits 1 Checks 0 Files changed 1

ybw1210 commented now

No description provided.

Exception specified

Add more commits by pushing to the collab branch on ybw1210/Error_Handling.

Require approval from specific reviewers before merging. Rules ensure specific people approve pull requests before they're merged. Add rule X

Continuous integration has not been set up. GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch. Merging can be performed automatically.

Merge pull request You can also open this in GitHub Desktop or view command line instructions.

Reviewers: No reviews. Still in progress? Convert to draft

Assignees: No one—assign yourself

Labels: None yet

Projects: None yet

Milestone: No milestone

Development: Successfully merging this pull request may close these issues. None yet

pull request from leader #1

This screenshot shows a GitHub pull request interface for a repository named 'positive-real-function' with the branch 'main'. The pull request is titled 'pull request from leader #1' and is currently merged. It shows a conversation with a comment from 'positive-real-function' stating 'No description provided.' and a status of 'Merged'. The interface includes a sidebar with navigation links (Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, Settings) and a right-hand panel with metadata (Reviewers, Assignees, Labels, Projects, Milestone, Development). A central panel displays a list of commits and a green checkmark indicating 'This branch has no conflicts with the base branch'. At the bottom, there is a 'Revert' button.

positive-real-function / main

pull request from leader #1

positive-real-func... merged 4 commits into main from leader now

Conversation 0 Commits 4 Checks 0 Files changed 2

positive-real-function commented 3 minutes ago

No description provided.

Elie added 4 commits 26 minutes ago

- create the file Main.java
- try/catch block added
- try/catch block added
- Exo 2

positive-real-function merged commit 04efab7 into main now

Reviewers: No reviews

Assignees: No one—assign yourself

Labels: #f53e52 None yet, #698fc8d None yet, #16ae4a6 None yet, #f95476f None yet

Projects: None yet

Milestone: No milestone

Development: Revert