

# SWENG Assignment 1

Sheena O'Reilly - 20332712

Eimear Ryan -

- We first met up in person on the 30th of September to make a start on the assignment
  - Sheena created the git repository and called it sweng assignment , we realised that as we didnt add a readme file there were no branches
  - Eimear then added a readme file through the command prompt which create a master branch
  - We then created 3 branches the development branch, a branch for Sheena's code and a branch for Eimear's code
  - The idea was the we would combine our code in the development branch and push that to the main once we had fixed any bugs or issues
  - We decided that Sheena would work on creating a function for the different operators and Eimear would work on checking if the string entered by the user was valid
  - Sheena linked the first java files to the repository
  - We decided we would meet again in a few days to check on the status of our project and start combining our code
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- Due to technical difficulties with Sheena's java application she had to remake the repository and the java files
  - Sheena added the java test file for the operators and created a test for all the functions and pushed it to the sheena branch
  - Sheena added the functions for the operators into the java files and then pushed this to the sheena branch
  - Eimear added the java test file for the validity of the string and created a test for all the functions and pushed it to the sheena branch
  - Eimear added the class to check if it was a valid string and added it to the Eimear branch
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- Eimear then started on getting maven to work but encountered some difficulty so decided it was better to create a new repository creating maven from the start
  - We then met up on the 7th of october a week after the first meet up and realised we had a gap in our code
  - Eimear checked if the string was valid and Sheena's functions took in two integers and returned the result for each operator
  - We had to find a way to break the string into sections to be passed into Sheena's functions
  - We brainstormed ideas, We thought of using a stack or using arrays.split but decided to use array lists
  - Eimear worked on the code for the array lists in the development branch
  - Sheena linked all three bits of code together and created the test files for the calculator in the development branch
  - Sheena merged all the code we had done into the main branch and wrote report

## <https://github.com/SheenaOreilly/assignment1.git> - First Repository Git Log

```
commit f0b9e91b574e8b69fc3d2a002102f470fc2891ce
Author: SheenaOreilly <oreils21@tcd.ie>
Date:   Fri Sep 30 11:43:10 2022 +0100

    adding first file

commit cf48ee60a5229c37a3d339894cb60982c1e511a7
Author: SheenaOreilly <oreils21@tcd.ie>
Date:   Fri Sep 30 11:42:17 2022 +0100

    adding first file

commit 2655353a39b57eec7b02d23ceab254d8b1ae022d (origin/eimearBranch, origin/dev)
Author: Eimear Ryan <ryane38@tcd.ie>
Date:   Fri Sep 30 11:27:06 2022 +0100

    first commit
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\assignment1>
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\assignment1> git log --graph --oneline --decorate
* b2ea5ac (HEAD -> main, origin/main, origin/HEAD) Merge pull request #2 from SheenaOreilly/sheenaBranch
|
| * de30029 (origin/sheenaBranch) adding class
| * 69155e4 Merge pull request #1 from SheenaOreilly/sheenaBranch
|/
| * f0b9e91 adding first file
| * cf48ee6 adding first file
|/
* 2655353 (origin/eimearBranch, origin/dev) first commit
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\assignment1>
```

## <https://github.com/SheenaOreilly/SWENGAssignment1.git> - Second Repository Git Log

```
Author: SheenaOreilly <oreils21@tcd.ie>
Date:   Tue Oct 4 13:11:54 2022 +0100

    adding subtraction code and tests to java class

commit 3edc289f417c1270a10927583601a3d9ebcc59fc
Author: SheenaOreilly <oreils21@tcd.ie>
Date:   Tue Oct 4 13:09:46 2022 +0100

    adding addition code and tests to java class

commit 3e692a2d4884aefde672dd151c304b181e4195eb
Author: SheenaOreilly <oreils21@tcd.ie>
Date:   Tue Oct 4 13:07:21 2022 +0100

    adding multiplication code and tests to java class

commit e0fa4c39b04120aa187225ec4a2c99563f93ac49 (main)
Author: SheenaOreilly <94913908+SheenaOreilly@users.noreply.github.com>
Date:   Tue Oct 4 12:31:33 2022 +0100

    Initial commit
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\SWENGAssignment1> git log --graph --oneline --decorate
* 6049c79 (HEAD -> dev, origin/dev2, origin/dev) adding subtraction code and tests to java class
* 3edc289 adding addition code and tests to java class
* 3e692a2 adding multiplication code and tests to java class
* e0fa4c3 (main) Initial commit
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\SWENGAssignment1>
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\SWENGAssignment1>
```

## <https://github.com/eimearryan/SWENG-Assignment1.git> - Third Repository Git Log

```
commit 5a5ac74d00120d6190af393a87994a78ddc45e85
Author: eimearryan <98404271+eimearryan@users.noreply.github.com>
Date:   Fri Oct 7 11:10:01 2022 +0100

    Create maven.yml

commit 9c26543d7f3739ef500ee420b9eb7b0c973cd3f0
Author: eimearryan <ryane38@tcd.ie>
Date:   Fri Oct 7 11:07:48 2022 +0100

    initial commit
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\SWENG-Assignment1> git log --graph --oneline --decorate
* c8b7b8d (HEAD -> master, origin/master, origin/HEAD) Update README.md
* 27b9477 Create README.md
* c3d90fc Merge pull request #1 from eimearryan/development
|
| * 2880969 (origin/development, development) adding tests, file calculator app now in org.example
| * b58b6b0 adding test file for the calculator
| * 550eac2 adding while loop to the start and adding operation functions
| * 50c7e14 connecting check string valid and calculator
| * 3290c04 Beginning of calculator application
| * e9d6446 adding report file
|/
* 5a5ac74 Create maven.yml
* 9c26543 initial commit
PS C:\Users\Admin\documents\thirdyear\semester1\softwareengineering\SWENG-Assignment1>
```