

Team: CodeCraftersH

Members: Harshita Loganathan, Hemangani Nagarajan

<https://github.com/HEMANGANI/ie1-basic-stats>

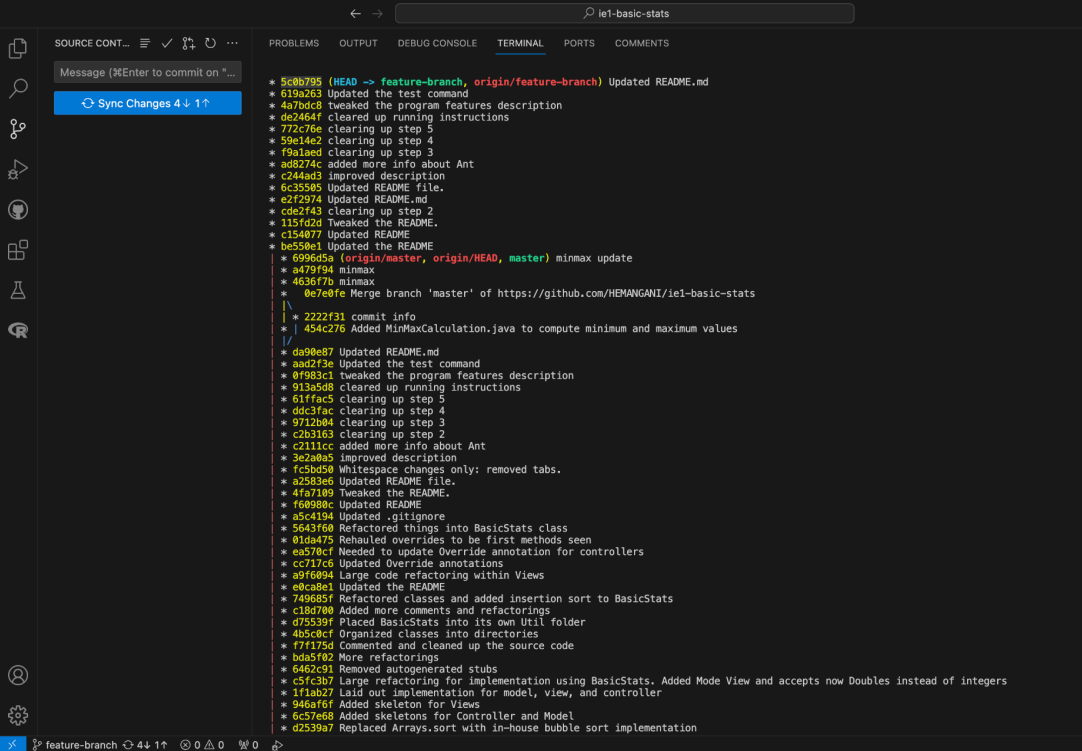
Visualized Relationships

Branching

```
(base) hemanganinagarajan@Hemanganis-MacBook-Pro ie1-basic-stats % git checkout v1.0.0
HEAD is now at a7b1a7d Added GUI functionality for mean and median
(base) hemanganinagarajan@Hemanganis-MacBook-Pro ie1-basic-stats % git checkout -b feature-branch
Switched to a new branch 'feature-branch'
(base) hemanganinagarajan@Hemanganis-MacBook-Pro ie1-basic-stats % git log --graph --oneline --all
* 3d90430 (origin/feature-branch) clearing up step 3
* 284783a clearing up step 4
* 51c9d8f clearing up step 5
* 2947175 clearing up step 5
* 54273a2 clearing up step 5
* 21cf659 Merge branch 'feature-branch' of https://github.com/LASER-UMASS/basic-stats into feature-branch
|
| * dd5322f Updated README.md
| * 2743356 Updated the test command
| * 14a183a tweaked the program features description
| * 35abb07 cleared up running instructions
| * 39baf12 cleared up running instructions
|/
* c1d5f95 clearing up step 5
* 79fe28e clearing up step 4
* a83727b clearing up step 3
* b39144a clearing up step 2
* d379757 added more info about Ant
* a13d6cf improved description
* 7b43acb Updated README file.
* cad9270 Tweaked the README.
!...skipping...
* 3d90430 (origin/feature-branch) clearing up step 3
* 284783a clearing up step 4
* 51c9d8f clearing up step 5
* 2947175 clearing up step 5
* 54273a2 clearing up step 5
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* a13d6cf improved description
* 7b43acb Updated README file.
* cad9270 Tweaked the README.
* e4e4c1f Updated README
* 5b5e6b8 Updated the README
* 6996d5a (origin/master, origin/HEAD, master) minmax update
* a478f94 minmax
* 463b77b minmax
* 0e7e0fe Merge branch 'master' of https://github.com/HEMANGANI/ie1-basic-stats
|/
* 2222f31 commit info
* 454c270 Added MinMaxCalculation.java to compute minimum and maximum values
```

Relationship between feature-branch and master.

Cherry picking

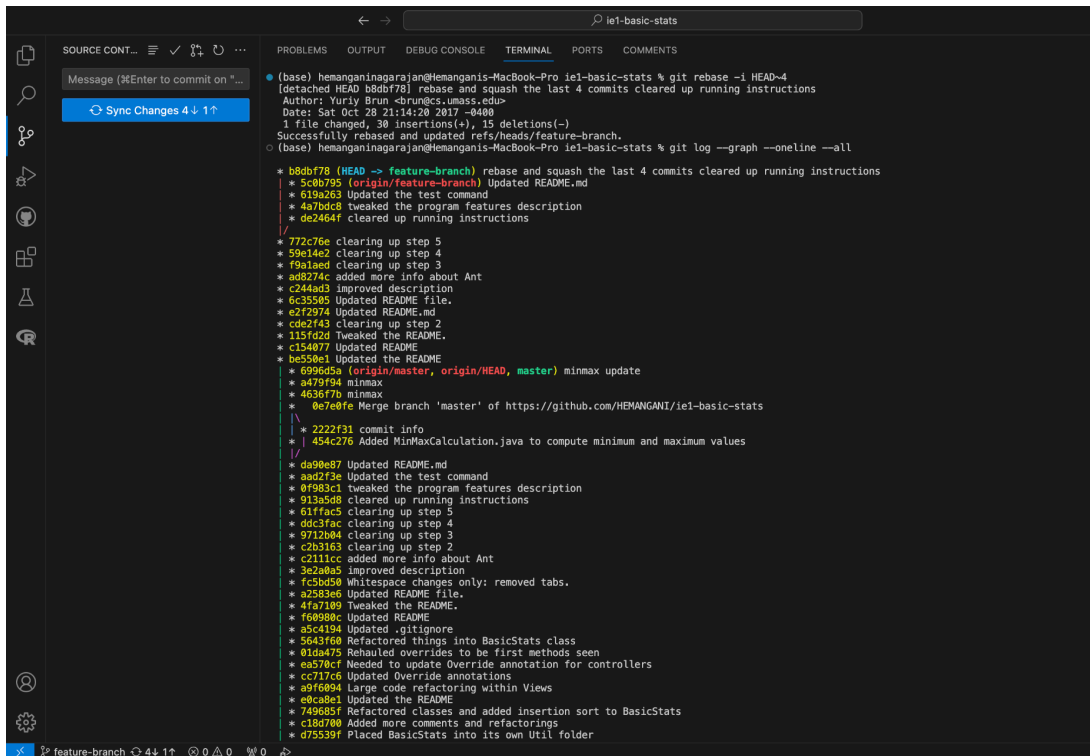


The screenshot shows an IDE window with a commit log. The log lists various commits, including updates to README files, test commands, and program features. A specific commit is highlighted with a red background, indicating a cherry-pick operation. The commit message for this operation is: "6996d5a (origin/master, origin/HEAD, master) minmax update". The IDE interface includes a sidebar with icons for source control, search, and other tools. The top bar shows the current branch as "feature-branch" and the commit count as "4 + 1".

```
5c0b795 (HEAD -> feature-branch, origin/feature-branch) Updated README.md
619a263 Updated the test command
4a3bd08 tweaked the program features description
de2464f cleared up running instructions
772c76e clearing up step 5
59e14e2 clearing up step 4
f9a1aed clearing up step 3
ad8274c added more info about Ant
c244ad3 improved description
6c35505 Updated README file.
c212974 Updated README.md
cde2f43 clearing up step 2
115fd2d Tweaked the README.
c154877 Updated README
be55ae1 Updated the README
6996d5a (origin/master, origin/HEAD, master) minmax update
a479f94 minmax
4636f7b minmax
0e7e0fe Merge branch 'master' of https://github.com/HEMANGANIL/ie1-basic-stats
2222f31 commit info
454c276 Added MinMaxCalculation.java to compute minimum and maximum values
da90e87 Updated README.md
aad2f3e Updated the test command
d9f83c1 tweaked the program features description
913a5d8 cleared up running instructions
61ffac5 clearing up step 5
d0c3fac clearing up step 4
0712b84 clearing up step 3
c2b3163 clearing up step 2
c2111cc added more info about Ant
3e2a0a5 improved description
7c5bd50 Whitespace changes only: removed tabs.
a2583e6 Updated README file.
4fa7189 Tweaked the README.
f6a80ac Updated README
a5c4194 Updated .gitignore
5643f60 Refactored things into BasicStats class
01da475 Rehailed overrides to be first methods seen
ea3740f Needed to update Override annotation for controllers
cc717c6 Updated Override annotations
a9f6094 Large code refactoring within Views
8bc0a81 Updated the README
749685f Refactored classes and added insertion sort to BasicStats
c18d700 Added more comments and refactorings
d75539f Placed BasicStats into its own Util folder
4b5c0ef Organized classes into directories
77f175d Commented and cleaned up the source code
bda5f02 More refactorings
6462c31 Removed autogenerated stubs
c5fc3b7 Large refactoring for implementation using BasicStats. Added Mode View and accepts now Doubles instead of integers
1f1ab27 Laid out implementation for model, view, and controller
946a6f6 Added skeleton for Views
6c57e58 Added skeletons for Controller and Model
d2539a7 Replaced Arrays.sort with in-house bubble sort implementation
```

Relationship between feature-branch and main after cherry-picking.

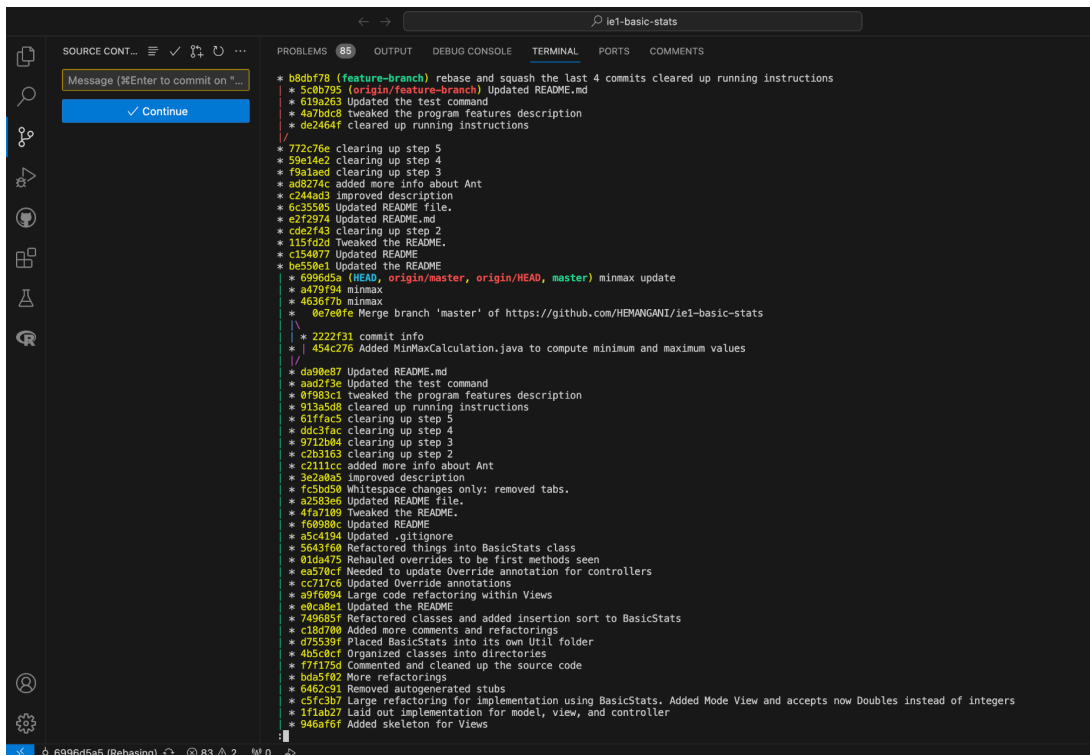
Rebasing



```
(base) hemanganinagarajan@hemanganis-MacBook-Pro iei-basic-stats % git rebase -i HEAD~4
[detached HEAD b8dbf78] rebase and squash the last 4 commits cleared up running instructions
Author: Yuriy Brun <brun@cs.umass.edu>
Date: Sat Oct 20 21:14:20 2017 -0400
1 file changed, 30 insertions(+), 15 deletions(-)
Successfully rebased and updated refs/heads/feature-branch.
(base) hemanganinagarajan@hemanganis-MacBook-Pro iei-basic-stats % git log --graph --oneline --all

* b8dbf78 (HEAD -> feature-branch) rebase and squash the last 4 commits cleared up running instructions
* 5c0b795 (origin/feature-branch) Updated README.md
* 619a263 Updated the test command
* 4a7bd08 tweaked the program features description
* de2464f cleared up running instructions
//
* 772c76e clearing up step 5
* 59e14e2 clearing up step 4
* f9a1aed clearing up step 3
* ad8274c added more info about Ant
* c244a43 Improved description
* 6c35505 Updated README file.
* e2f2974 Updated README.md
* cde2f43 clearing up step 2
* 115fd2d Tweaked the README.
* c154077 Updated README
* be550e1 Updated the README
* 6996d5a (origin/master, origin/HEAD, master) minmax update
* e479f94 minmax
* 4636f7b minmax
* 0e7e0fe Merge branch 'master' of https://github.com/HEMANGANIT/iei-basic-stats
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* 2222f31 commit info
* 454c276 Added MinMaxCalculation.java to compute minimum and maximum values
//
* d908e87 Updated README.md
* aad2f3e Updated the test command
* 0f983c1 tweaked the program features description
* 013a508 cleared up running instructions
* 61fae5 clearing up step 5
* ddc3fac clearing up step 4
* 9712b04 clearing up step 3
* c2b3163 clearing up step 2
* c2111cc added more info about Ant
* 3e2a0a5 Improved description
* f5cb500 Whitespace changes only: removed tabs.
* a2583e6 Updated README file.
* 4fa7189 Tweaked the README.
* f60980c Updated README
* a5c4194 Updated .gitignore
* 55a3f60 Refactored things into BasicStats class
* 01da475 Rehauled overrides to be first methods seen
* ea570cf Needed to update Override annotation for controllers
* c6717c6 Updated Override annotations
* e9f6094 Large code refactoring within Views
* e0ca8e1 Updated the README
* 749685f Refactored classes and added insertion sort to BasicStats
* c180700 Added more comments and refactorings
* 075539f Placed BasicStats into its own Util folder
```

Relationship between feature-branch and main after rebasing.



```
* b8dbf78 (feature-branch) rebase and squash the last 4 commits cleared up running instructions
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* a0a5f02 More refactorings
* 6462c91 Removed autogenerated stubs
* c5fc3b7 Large refactoring for implementation using BasicStats. Added Mode View and accepts now Doubles instead of integers
* 1f1ab27 Laid out implementation for model, view, and controller
* 946a6ef Added skeleton for Views
```

Relationship between feature-branch and main after rebasing and pulling from origin.