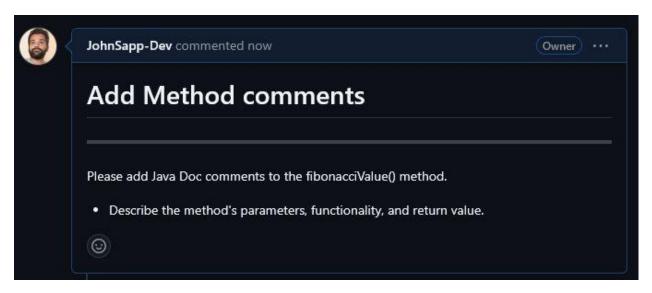
John Sapp CEN-4802c 1/12/25 Assignment 1

```
"C:\Program Files\Java\jdk-22\bin\java.exe" "-jav
The value of the Fibonacci sequence at 10 = 55

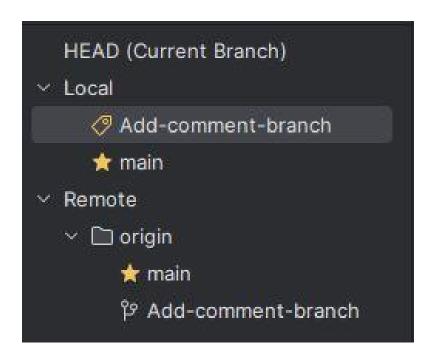
Process finished with exit code 0
```

Screenshot one above shows the execution of the recursive Fibonacci sequence.

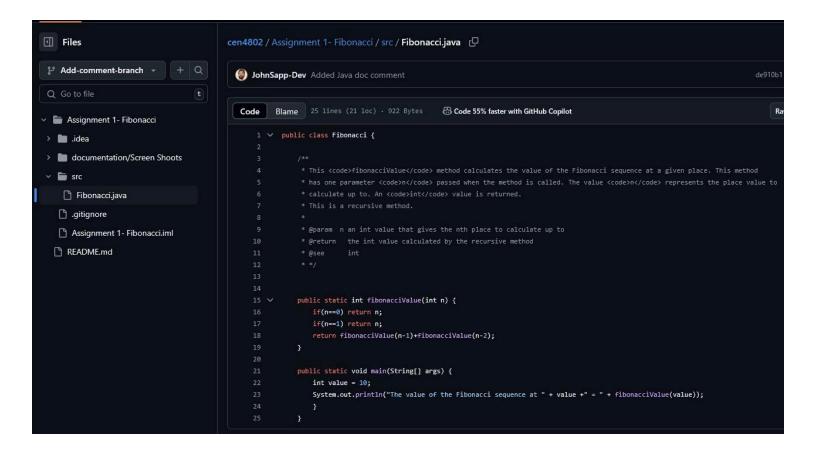
Screenshot two above shows the Fibonacci class pushed to the GitHub repo.



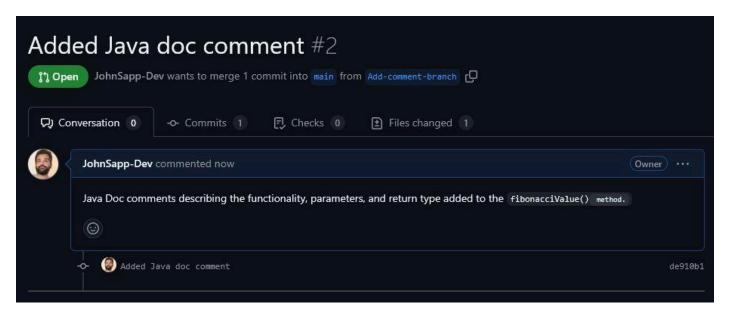
Screenshot three above shows the creation of an "issue" to add Java doc comments to the fibonacciValue() method.



Screenshot four above shows the creation of a new branch "Add-comment-branch"

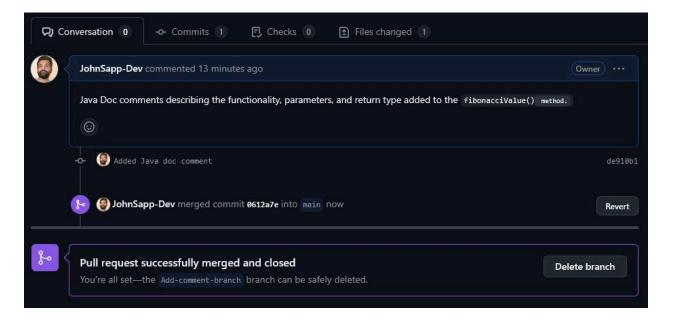


Screenshot five above shows the comment has been added to a new branch named "Add-comment-branch" and has been pushed to GitHub.



Screenshot six above shows a pull request requesting to add the commit from the "Add-comment-branch" branch to the "main" branch.

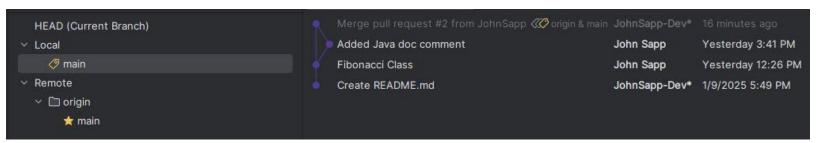
Screenshot seven above shows the caparason between the "main" branch Fibonacci.java file on the left and the "Add-comment-branch" branch Fibonacci.java file on the right. The file on the right has new comments to be added.



Screenshot eight above shows the pull request has been successfully merged and closed.



Screenshot nine above shows that the "Add-comment-branch" branch has been deleted.



Screenshot ten above shows the local repo matches the remote repo.

/**

- * This <code>fibonacciValue</code> method calculates the value of the Fibonacci sequence at a given place. This method
- * has one parameter <code>n</code> passed when the method is called. The value <code>n</code> represents the place value to
 - * calculate up to. An <code>int</code> value is returned.
 - * This is a recursive method.

*

* @param n an int value that gives the nth place to calculate up to

- * @return the int value calculated by the recursive method * @see int * */