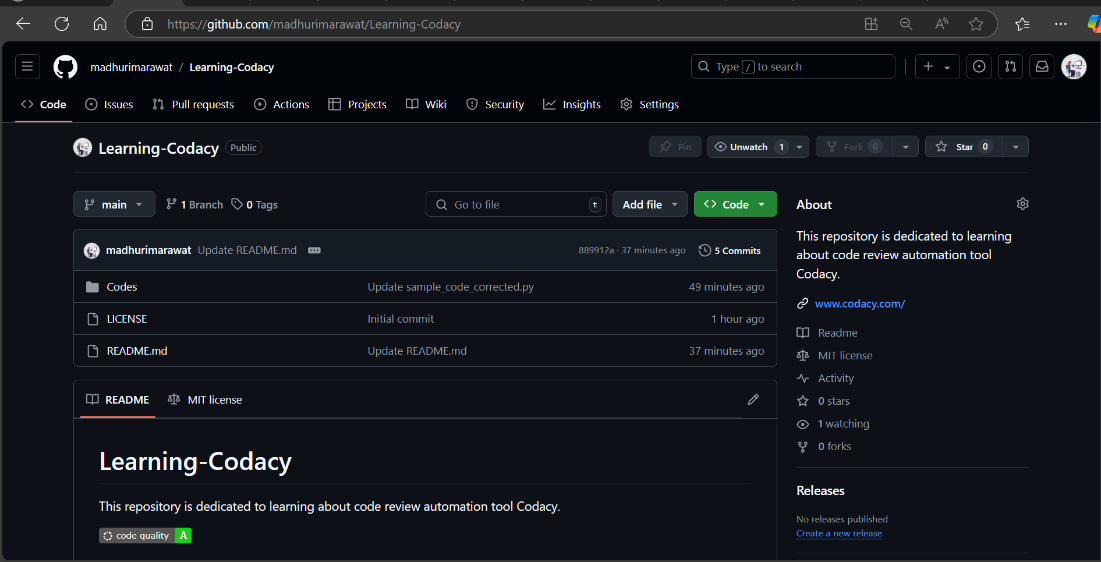
***Experiment 9***

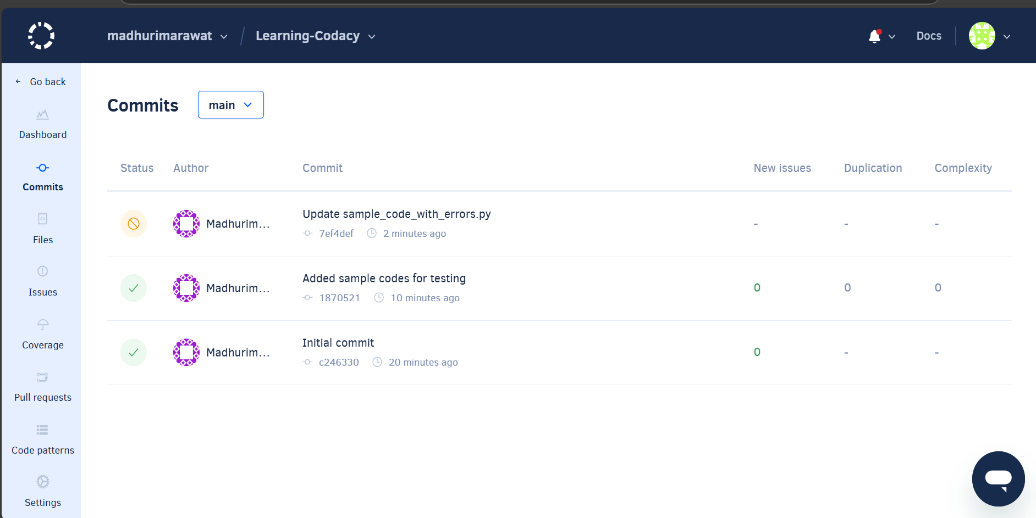
**Aim:** Code Review Automation: Integrate a code quality analysis tool like CodeFactor or Codacy with GitHub to automatically analyze code changes and provide feedback on code style, complexity, and potential issues.

**Codacy:** Automating Python Code Review with Codacy

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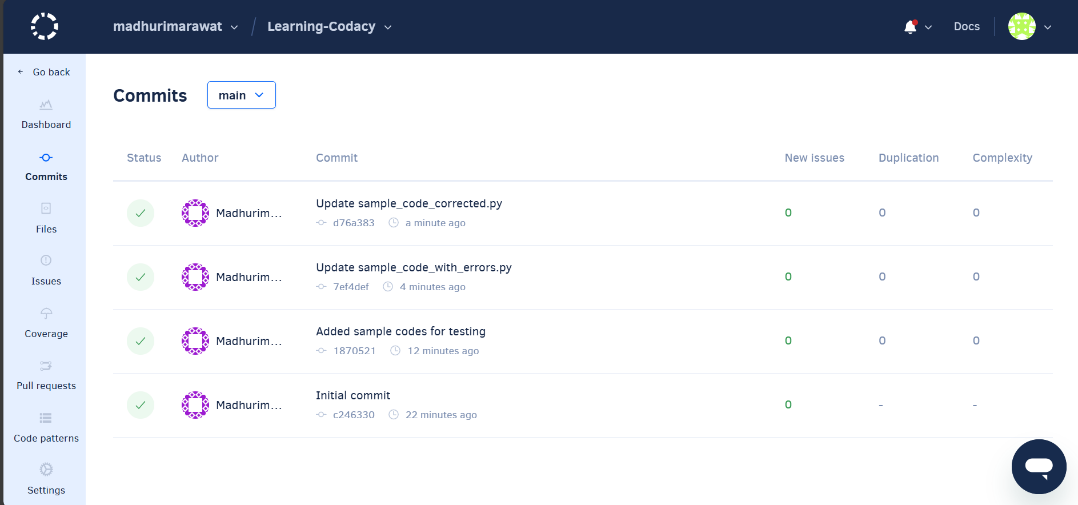
***Fig 1: Running Sphinx Commands***

***Fig 2: Output Sphinx Documentation***

***Fig 1: GitHub Repository with all the Files and Workflows***

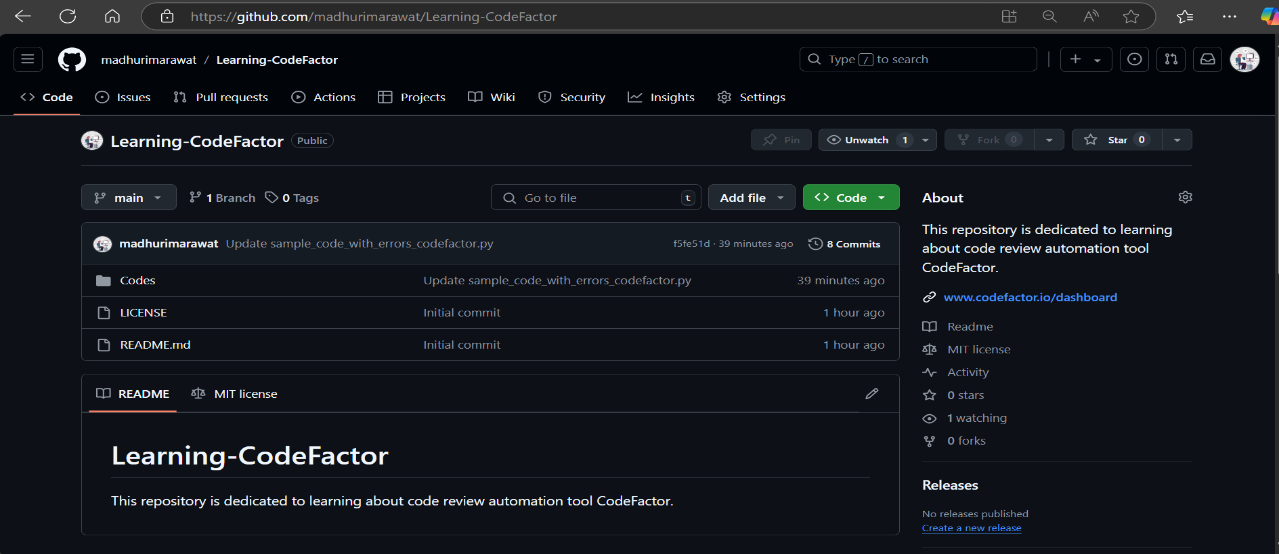
***Fig 2: Outp***

***Fig 2: Codacy Dashboard with Error Workflows(Wrong Test Cases to observe workflow)***

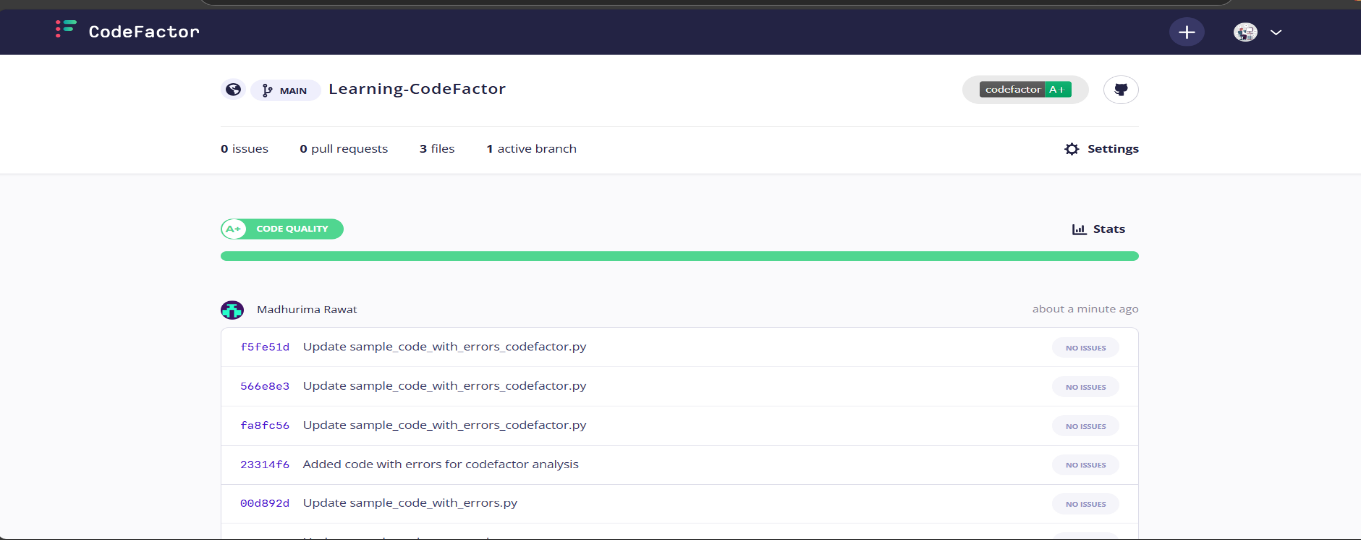
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***Fig 3: Codacy Dashboard with Correct Workflows(Successful Test Cases)***

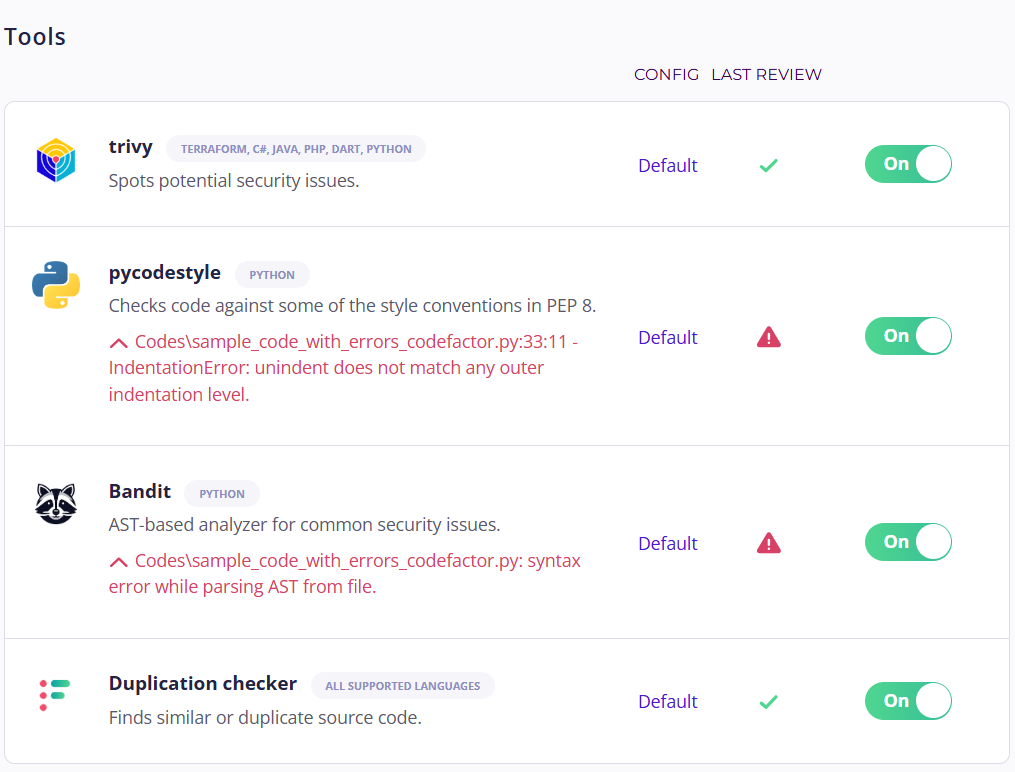
**CodeFactor:** Automating Python Code Review with CodeFactor

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***Fig 4: GitHub Repository with all the Files and Workflows***

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***Fig 5: CodeFactor Dashboard with Error Workflows(Wrong Test Cases to observe workflow)***

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***Fig 6: CodeFactor Dashboard with Correct Workflows(Successful Test Cases)***