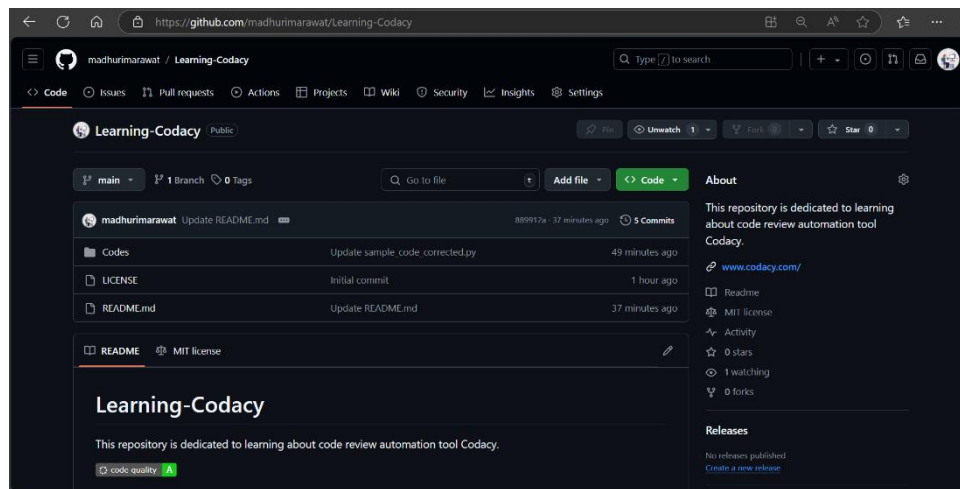


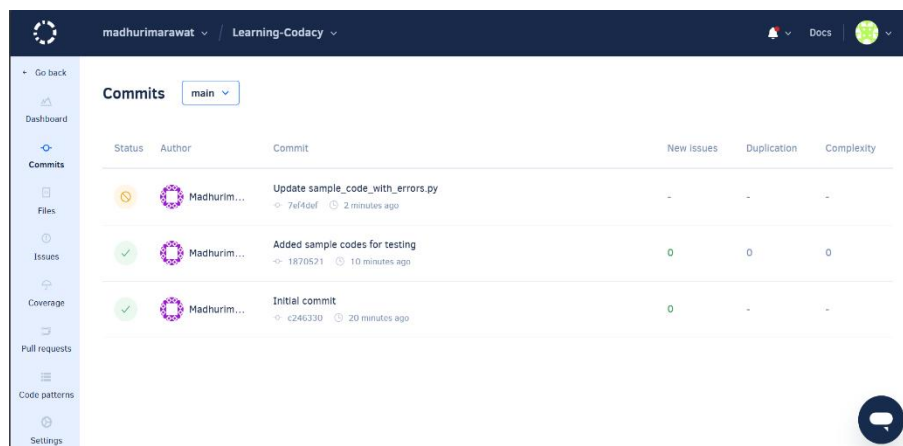
## Experiment 9

**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.

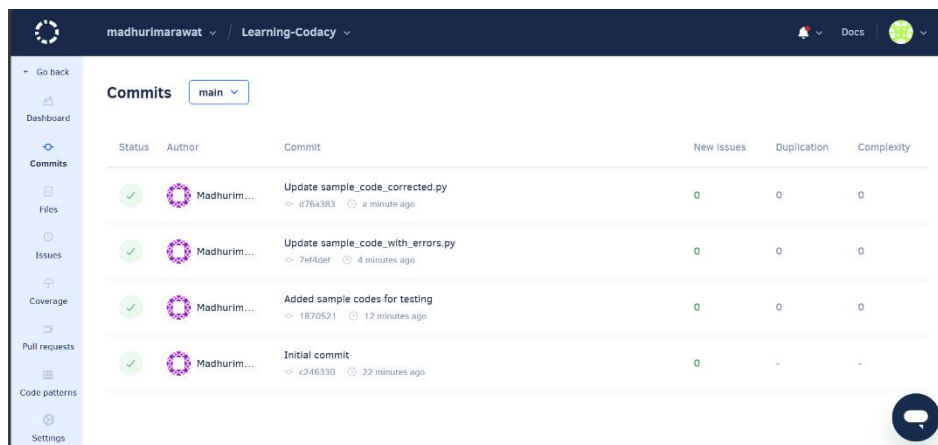
**Codacy:** Automating Python Code Review with Codacy



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

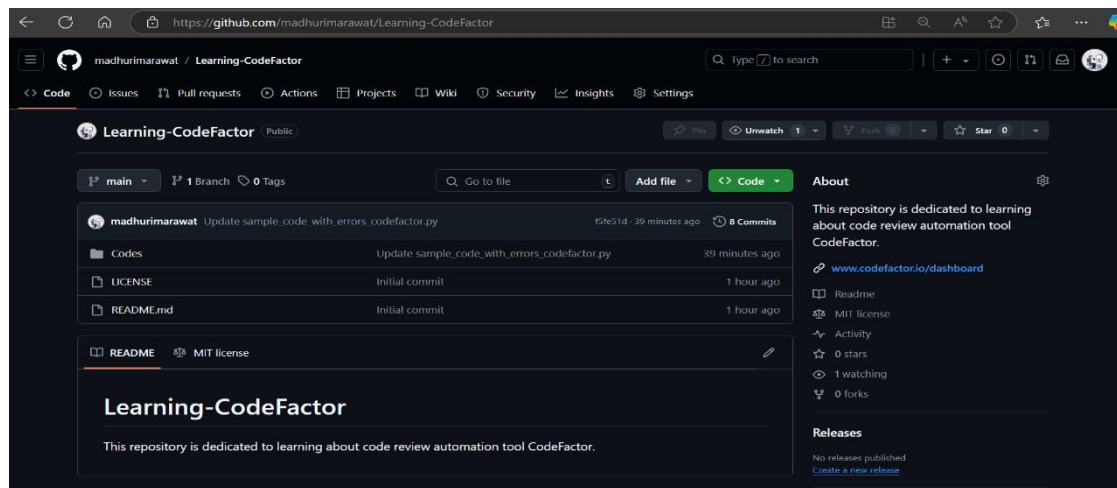


**Fig 2: Codacy Dashboard with Error Workflows(Wrong Test Cases to observe workflow)**

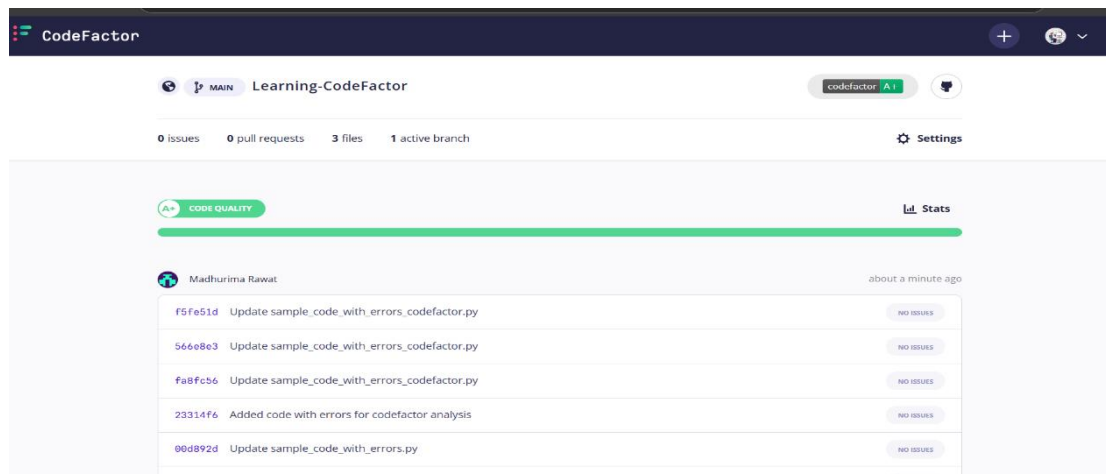


**Fig 3: Codacy Dashboard with Correct Workflows(Successful Test Cases)**

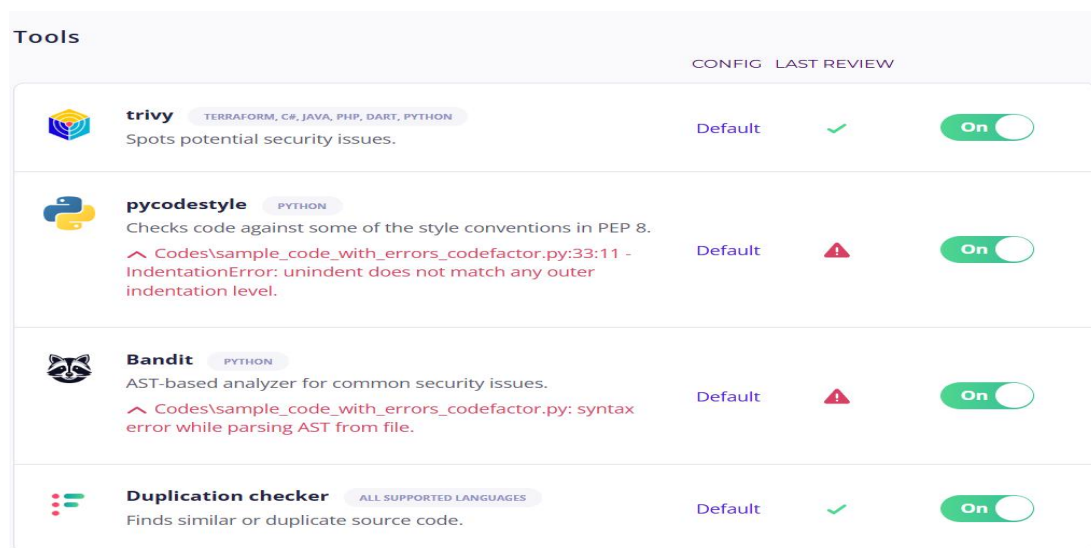
## CodeFactor: Automating Python Code Review with CodeFactor



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



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



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