**Student:**

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**Assignment 4: Object-Oriented Design & Programming**

**Due Date: Dec 14th, 2024**

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# Program Introduction

This program uses collections to store & manage complex data structure for the product class and uses file persistence to save and load data between application runtime sessions.

# Program Code

The program have the following modules:

o **Main.py**: Implements the interactivity with the user (inputs/outputs). Call the various methods of the other modules based on user input.

Created following methods:

* ShowMainMenu(): This method would provide the options for thefollowing options to be selected by the user:
  + - Add Product
    - View Product
    - Edit Product
    - Delete Product
* \_\_init\_\_(): It is the constructor for the Main class.
* Choice\_add\_product(): option selected by the user to add a product
* Run(): method to call ShowMainMenu()
* get\_user\_input\_float: This function makes sure that if input float is greater than minimum value or less than maximum value then you return the input float or if this is not the thing then print incorrect value
* get\_user\_input\_Integer: This function makes sure that if input integer is greater than minimum value or less than maximum value then you return the input integer or if this is not the thing then print incorrect value
* choice\_view\_Products: option selected by the user to view a product
* choice\_edit\_Product: option selected by the user to edit a product
* choice\_delete\_Product: option selected by the user to delete a product

o **Product.py**: Represents a Product class.

created following methods:

\_\_init\_\_(): It is the constructor for the Product class

o **Inventory\_Manager.py**: Implements the business logic required for Adding, updating, searching and deleting products.

created following methods:

* **\_\_init\_\_** constructor to initializes the instance of the class Inventory\_Manager.
  + bank\_Name: Attribute of the bank class set at the time of initialization
* add\_Product: Method to Add product to the existing Product list
* view\_Product: Method to view entire Product list
* edit\_Product: Method to edit product to the existing Product list
* delete\_Product: Method to delete product from the existing Product list
* delete\_product\_list: Method to delete/empty the global product list after storing data in the file.

o **Data\_Persistence\_Management.py**: Class to save and load product data to/from file storage.

created following methods:

* load\_Product\_Data\_From\_File: Load Product Data from the file storage if the product data file exists.
* save\_Product\_Data\_From\_File: Save Product Data to the file storage.
* delete\_product\_list: Method to delete/empty the global product list after storing data in the file.

|  |  |  |  |
| --- | --- | --- | --- |
| No: | Object | Datatype: User-defined Class | Datatype: Predefined class/type (python) |
| 1 | Main | Main | * \_**\_init\_\_** constructor to initialize the instance of the class Main |
| 2 | Inventory\_Manager | Inventory\_Manager | * \_**\_init\_\_** constructor to initialize the instance of the class Inventory Manager |
| 3 | Product | Product | * \_\_init\_\_ constructor to initialize the instance of the class Product * add\_Product() Method to Add product to the existing Product list * view\_Product() Method to view entire Product list * edit\_Product() * Method to edit product to the existing Product list * delete\_Product() Method to delete product from the existing Product list * delete\_product\_list() Method to delete/empty the global product list after storing data in the file. |
| 4 | Data\_Persistence  Management | Data\_Persistence\_Management | * \_\_init\_\_: constructor to initialize the instance of the class Data\_Persistence\_Management * load\_Product\_Data\_From\_File: Load Product Data from the file storage if the product data file exists. * save\_Product\_Data\_From\_File: Save Product Data to the file storage. * delete\_product\_list: Method to delete/empty the global product list after storing data in the file. |

**UML Class Diagram**

**A diagram of a software server

Description automatically generated with medium confidence**

**Assignment Report:**

1. First, I wrote the menu options for showMainMenu in Main class.
2. Then I implemented Product and Inventory\_Management classes to implement logic for :
   * + Add Product
     + View Product
     + Edit Product
     + Delete Product
3. Then I implemented Data\_Persistent\_Management class to :
   1. Save data in the file
   2. Load data from the file.
4. Then I moved some of the program logic to Main module and used the three classes and their relevant methods to implement the program logic.
5. Finally, my code was efficiently organized by using classes.
6. The implementation was tidy and easy to handle since distinct functionalities were kept in different classes. Code structure and variable naming best practices were emphasized. I have implemented basic logic to check user input based on attribute types. However, this could be enhanced further by adding better error messages and retry logic.
7. To ensure the simulation works well in a variety of circumstances, load testing should be done using much larger data combinations.

# GIT Output

*2024-11-24* *20:24:37.073* [info] [main] Log level: Info

*2024-11-24* *20:24:37.073* [info] [main] Validating found git in: "C:\Program Files\Git\cmd\git.exe"

*2024-11-24* *20:24:37.073* [info] [main] Using git "2.46.2.windows.1" from "C:\Program Files\Git\cmd\git.exe"

*2024-11-24* *20:24:37.073* [info] [Model][doInitialScan] Initial repository scan started

*2024-11-24* *20:24:37.075* [info] > git rev-parse --show-toplevel [368ms]

*2024-11-24* *20:24:37.222* [info] > git rev-parse --git-dir --git-common-dir [97ms]

*2024-11-24* *20:24:37.240* [info] [Model][openRepository] Opened repository: c:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3

*2024-11-24* *20:24:37.535* [info] > git rev-parse --show-toplevel [277ms]

*2024-11-24* *20:24:37.545* [info] > git config --get commit.template [295ms]

*2024-11-24* *20:24:37.591* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [324ms]

*2024-11-24* *20:24:37.808* [info] > git rev-parse --show-toplevel [264ms]

*2024-11-24* *20:24:37.810* [info] [Model][doInitialScan] Initial repository scan completed - repositories (1), closed repositories (0), parent repositories (0), unsafe repositories (0)

*2024-11-24* *20:24:37.853* [info] > git status -z -uall [219ms]

*2024-11-24* *20:24:37.885* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [242ms]

*2024-11-24* *20:24:37.957* [info] > git show --textconv :Application.py [140ms]

*2024-11-24* *20:24:37.957* [info] > git check-ignore -v -z --stdin [158ms]

*2024-11-24* *20:24:37.964* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [141ms]

*2024-11-24* *20:24:38.006* [info] > git config --get commit.template [91ms]

*2024-11-24* *20:24:38.032* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [128ms]

*2024-11-24* *20:24:38.104* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [135ms]

*2024-11-24* *20:24:38.122* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [126ms]

*2024-11-24* *20:24:38.156* [info] > git config --local branch.main.vscode-merge-base [113ms]

*2024-11-24* *20:24:38.156* [warning] [Git][config] git config failed: Failed to execute git

*2024-11-24* *20:24:38.217* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [85ms]

*2024-11-24* *20:24:38.221* [info] > git status -z -uall [94ms]

*2024-11-24* *20:24:38.250* [info] > git reflog main --grep-reflog=branch: Created from \*. [83ms]

*2024-11-24* *20:24:38.302* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [76ms]

*2024-11-24* *20:24:38.319* [info] > git symbolic-ref --short refs/remotes/origin/HEAD [65ms]

*2024-11-24* *20:24:38.319* [info] fatal: ref refs/remotes/origin/HEAD is not a symbolic ref

*2024-11-24* *20:24:38.319* [warning] [Repository][getDefaultBranch] Failed to get default branch details: Failed to execute git.

*2024-11-24* *20:24:38.393* [info] > git config --local branch.main.vscode-merge-base [87ms]

*2024-11-24* *20:24:38.393* [warning] [Git][config] git config failed: Failed to execute git

*2024-11-24* *20:24:38.474* [info] > git merge-base refs/heads/main refs/remotes/origin/main [148ms]

*2024-11-24* *20:24:38.691* [info] > git reflog main --grep-reflog=branch: Created from \*. [281ms]

*2024-11-24* *20:24:38.706* [info] > git diff --name-status -z --diff-filter=ADMR a882ee82773abcb90d90025c4e687bc69d084eca...refs/remotes/origin/main [222ms]

*2024-11-24* *20:24:38.909* [info] > git symbolic-ref --short refs/remotes/origin/HEAD [213ms]

*2024-11-24* *20:24:38.909* [info] fatal: ref refs/remotes/origin/HEAD is not a symbolic ref

*2024-11-24* *20:24:38.910* [warning] [Repository][getDefaultBranch] Failed to get default branch details: Failed to execute git.

*2024-11-24* *20:24:38.960* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [161ms]

*2024-11-24* *20:24:39.066* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [100ms]

*2024-11-24* *20:24:39.145* [info] > git fetch [1905ms]

*2024-11-24* *20:24:39.186* [info] > git show --textconv :Application.py [114ms]

*2024-11-24* *20:24:39.301* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [147ms]

*2024-11-24* *20:24:39.307* [info] > git config --get commit.template [157ms]

*2024-11-24* *20:24:39.429* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [113ms]

*2024-11-24* *20:24:39.434* [info] > git status -z -uall [124ms]

*2024-11-24* *20:24:40.333* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [44ms]

*2024-11-24* *20:24:40.377* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [41ms]

*2024-11-24* *20:24:40.427* [info] > git show --textconv :Application.py [46ms]

*2024-11-24* *20:24:54.624* [info] > git show --textconv :account.py [66ms]

*2024-11-24* *20:24:54.633* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [66ms]

*2024-11-24* *20:27:55.254* [info] > git fetch [516ms]

*2024-11-24* *20:27:55.314* [info] > git config --get commit.template [49ms]

*2024-11-24* *20:27:55.323* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [52ms]

*2024-11-24* *20:27:55.383* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [46ms]

*2024-11-24* *20:27:55.387* [info] > git status -z -uall [55ms]

*2024-11-24* *20:27:56.738* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [134ms]

*2024-11-24* *20:27:56.807* [info] > git show --textconv :account.py [49ms]

*2024-11-24* *20:30:55.970* [info] > git fetch [563ms]

*2024-11-24* *20:30:56.035* [info] > git config --get commit.template [60ms]

*2024-11-24* *20:30:56.037* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [57ms]

*2024-11-24* *20:30:56.098* [info] > git status -z -uall [56ms]

*2024-11-24* *20:30:56.102* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [56ms]

*2024-11-24* *20:30:57.282* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [62ms]

*2024-11-24* *20:30:57.334* [info] > git show --textconv :account.py [47ms]

*2024-11-24* *20:33:02.779* [info] > git config --get commit.template [67ms]

*2024-11-24* *20:33:02.784* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [68ms]

*2024-11-24* *20:33:02.850* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [57ms]

*2024-11-24* *20:33:02.853* [info] > git status -z -uall [65ms]

*2024-11-24* *20:33:27.716* [info] > git check-ignore -v -z --stdin [56ms]

*2024-11-24* *20:33:30.935* [info] > git show --textconv :Application.py [63ms]

*2024-11-24* *20:33:30.938* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [60ms]

*2024-11-24* *20:33:30.985* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [43ms]

*2024-11-24* *20:33:34.021* [info] > git show --textconv :Bank.py [57ms]

*2024-11-24* *20:33:34.030* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Bank.py [62ms]

*2024-11-24* *20:33:34.086* [info] > git cat-file -s 3d950ed62b90b91758db07edcd3ec47833977421 [52ms]

*2024-11-24* *20:33:59.132* [info] > git fetch [536ms]

*2024-11-24* *20:33:59.197* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [56ms]

*2024-11-24* *20:33:59.204* [info] > git config --get commit.template [68ms]

*2024-11-24* *20:33:59.269* [info] > git status -z -uall [62ms]

*2024-11-24* *20:33:59.271* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [57ms]

*2024-11-24* *20:34:00.346* [info] > git config --get commit.template [60ms]

*2024-11-24* *20:34:00.355* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [63ms]

*2024-11-24* *20:34:00.421* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [56ms]

*2024-11-24* *20:34:00.425* [info] > git status -z -uall [64ms]

*2024-11-24* *20:34:00.444* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Bank.py [54ms]

*2024-11-24* *20:34:00.495* [info] > git cat-file -s 3d950ed62b90b91758db07edcd3ec47833977421 [46ms]

*2024-11-24* *20:34:00.552* [info] > git show --textconv :Bank.py [51ms]

*2024-11-24* *20:40:20.430* [info] > git fetch [529ms]

*2024-11-24* *20:40:20.486* [info] > git config --get commit.template [45ms]

*2024-11-24* *20:40:20.494* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [44ms]

*2024-11-24* *20:40:20.552* [info] > git status -z -uall [50ms]

*2024-11-24* *20:40:20.558* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [50ms]

*2024-11-24* *20:40:21.720* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Bank.py [51ms]

*2024-11-24* *20:40:21.773* [info] > git cat-file -s 3d950ed62b90b91758db07edcd3ec47833977421 [48ms]

*2024-11-24* *20:40:21.836* [info] > git show --textconv :Bank.py [52ms]

*2024-11-24* *20:41:09.710* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [50ms]

*2024-11-24* *20:41:09.712* [info] > git show --textconv :account.py [57ms]

*2024-11-24* *20:43:21.092* [info] > git fetch [511ms]

*2024-11-24* *20:43:21.149* [info] > git config --get commit.template [53ms]

*2024-11-24* *20:43:21.155* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [56ms]

*2024-11-24* *20:43:21.215* [info] > git status -z -uall [56ms]

*2024-11-24* *20:43:21.218* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [55ms]

*2024-11-24* *20:43:22.374* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [46ms]

*2024-11-24* *20:43:22.429* [info] > git show --textconv :account.py [50ms]

*2024-11-24* *20:43:28.884* [info] > git show --textconv :Bank.py [65ms]

*2024-11-24* *20:43:28.885* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Bank.py [62ms]

*2024-11-24* *20:43:28.936* [info] > git cat-file -s 3d950ed62b90b91758db07edcd3ec47833977421 [48ms]

*2024-11-24* *20:46:15.992* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [58ms]

*2024-11-24* *20:46:15.994* [info] > git show --textconv :account.py [66ms]

*2024-11-24* *20:46:21.710* [info] > git fetch [486ms]

*2024-11-24* *20:46:21.773* [info] > git config --get commit.template [58ms]

*2024-11-24* *20:46:21.777* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [59ms]

*2024-11-24* *20:46:21.836* [info] > git status -z -uall [53ms]

*2024-11-24* *20:46:21.841* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [55ms]

*2024-11-24* *20:46:22.930* [info] > git config --get commit.template [63ms]

*2024-11-24* *20:46:22.933* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [61ms]

*2024-11-24* *20:46:23.002* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [60ms]

*2024-11-24* *20:46:23.005* [info] > git status -z -uall [68ms]

*2024-11-24* *20:46:23.017* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [59ms]

*2024-11-24* *20:46:23.067* [info] > git show --textconv :account.py [45ms]

*2024-11-24* *21:06:14.760* [info] > git fetch [628ms]

*2024-11-24* *21:06:14.841* [info] > git config --get commit.template [62ms]

*2024-11-24* *21:06:14.850* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [63ms]

*2024-11-24* *21:06:14.922* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [54ms]

*2024-11-24* *21:06:14.928* [info] > git status -z -uall [68ms]

*2024-11-24* *21:06:15.978* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [54ms]

*2024-11-24* *21:06:16.038* [info] > git show --textconv :account.py [47ms]

*2024-11-24* *21:06:23.514* [info] > git show --textconv :ChequingAccount.py [62ms]

*2024-11-24* *21:06:23.522* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\ChequingAccount.py [63ms]

*2024-11-24* *21:06:23.578* [info] > git cat-file -s 15403eada79667862d4ca76e50b5b0cfda1d1f82 [51ms]

*2024-11-24* *21:06:29.174* [info] > git show --textconv :SavingsAccount.py [76ms]

*2024-11-24* *21:06:29.176* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [69ms]

*2024-11-24* *21:06:29.234* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [51ms]

*2024-11-24* *21:06:51.796* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Bank.py [58ms]

*2024-11-24* *21:06:51.805* [info] > git show --textconv :Bank.py [72ms]

*2024-11-24* *21:06:51.851* [info] > git cat-file -s 3d950ed62b90b91758db07edcd3ec47833977421 [52ms]

*2024-11-24* *21:07:01.719* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [53ms]

*2024-11-24* *21:07:01.726* [info] > git show --textconv :Application.py [65ms]

*2024-11-24* *21:07:01.771* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [49ms]

*2024-11-24* *21:31:00.777* [info] > git fetch [544ms]

*2024-11-24* *21:31:00.852* [info] > git config --get commit.template [58ms]

*2024-11-24* *21:31:00.866* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [63ms]

*2024-11-24* *21:31:00.942* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [57ms]

*2024-11-24* *21:31:00.949* [info] > git status -z -uall [74ms]

*2024-11-24* *21:31:02.183* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [51ms]

*2024-11-24* *21:31:02.240* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [50ms]

*2024-11-24* *21:31:02.308* [info] > git show --textconv :Application.py [52ms]

*2024-11-24* *21:31:05.612* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [58ms]

*2024-11-24* *21:31:05.615* [info] > git show --textconv :SavingsAccount.py [67ms]

*2024-11-24* *21:31:05.660* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [45ms]

*2024-11-24* *21:34:49.525* [info] > git fetch [562ms]

*2024-11-24* *21:34:49.583* [info] > git config --get commit.template [50ms]

*2024-11-24* *21:34:49.592* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [53ms]

*2024-11-24* *21:34:49.655* [info] > git status -z -uall [56ms]

*2024-11-24* *21:34:49.659* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [54ms]

*2024-11-24* *21:34:50.745* [info] > git config --get commit.template [51ms]

*2024-11-24* *21:34:50.758* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [52ms]

*2024-11-24* *21:34:50.830* [info] > git status -z -uall [63ms]

*2024-11-24* *21:34:50.837* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [59ms]

*2024-11-24* *21:34:50.857* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [63ms]

*2024-11-24* *21:34:50.910* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [47ms]

*2024-11-24* *21:34:50.969* [info] > git show --textconv :SavingsAccount.py [49ms]

*2024-11-24* *21:39:00.556* [info] > git fetch [867ms]

*2024-11-24* *21:39:00.765* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [198ms]

*2024-11-24* *21:39:00.765* [info] > git config --get commit.template [203ms]

*2024-11-24* *21:39:00.838* [info] > git status -z -uall [67ms]

*2024-11-24* *21:39:00.847* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [65ms]

*2024-11-24* *21:39:01.864* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [60ms]

*2024-11-24* *21:39:01.926* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [56ms]

*2024-11-24* *21:39:01.984* [info] > git show --textconv :SavingsAccount.py [51ms]

*2024-11-24* *21:39:03.917* [info] > git show --textconv :ChequingAccount.py [62ms]

*2024-11-24* *21:39:03.929* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\ChequingAccount.py [58ms]

*2024-11-24* *21:39:03.984* [info] > git cat-file -s 15403eada79667862d4ca76e50b5b0cfda1d1f82 [49ms]

*2024-11-24* *21:53:23.664* [info] > git check-ignore -v -z --stdin [143ms]

*2024-11-24* *23:15:46.064* [info] > git config --get commit.template [50ms]

*2024-11-24* *23:15:46.084* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [62ms]

*2024-11-24* *23:15:46.144* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [47ms]

*2024-11-24* *23:15:46.151* [info] > git status -z -uall [60ms]

*2024-11-24* *23:15:46.537* [info] > git fetch [559ms]

*2024-11-24* *23:15:46.586* [info] > git config --get commit.template [43ms]

*2024-11-24* *23:15:46.592* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [43ms]

*2024-11-24* *23:15:46.649* [info] > git status -z -uall [52ms]

*2024-11-24* *23:15:46.656* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [53ms]

*2024-11-24* *23:15:47.831* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\ChequingAccount.py [47ms]

*2024-11-24* *23:15:47.881* [info] > git cat-file -s 15403eada79667862d4ca76e50b5b0cfda1d1f82 [46ms]

*2024-11-24* *23:15:47.932* [info] > git show --textconv :ChequingAccount.py [44ms]

*2024-11-24* *23:15:51.237* [info] > git config --get commit.template [65ms]

*2024-11-24* *23:15:51.244* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [66ms]

*2024-11-24* *23:15:51.294* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [44ms]

*2024-11-24* *23:15:51.296* [info] > git status -z -uall [48ms]

*2024-11-24* *23:15:52.351* [info] > git show --textconv :SavingsAccount.py [46ms]

*2024-11-24* *23:15:52.359* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [47ms]

*2024-11-24* *23:15:52.404* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [43ms]

*2024-11-24* *23:15:59.412* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [42ms]

*2024-11-24* *23:15:59.417* [info] > git show --textconv :Application.py [50ms]

*2024-11-24* *23:15:59.466* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [50ms]

*2024-11-24* *23:20:39.995* [info] > git config --get commit.template [61ms]

*2024-11-24* *23:20:40.002* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [62ms]

*2024-11-24* *23:20:40.063* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [50ms]

*2024-11-24* *23:20:40.066* [info] > git status -z -uall [58ms]

*2024-11-24* *23:20:40.450* [info] > git fetch [535ms]

*2024-11-24* *23:20:40.496* [info] > git config --get commit.template [41ms]

*2024-11-24* *23:20:40.507* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [47ms]

*2024-11-24* *23:20:40.552* [info] > git status -z -uall [41ms]

*2024-11-24* *23:20:40.556* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [40ms]

*2024-11-24* *23:20:41.748* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [50ms]

*2024-11-24* *23:20:41.793* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [40ms]

*2024-11-24* *23:20:41.850* [info] > git show --textconv :Application.py [49ms]

*2024-11-24* *23:20:43.573* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) refs/heads/main [119ms]

*2024-11-24* *23:20:43.939* [info] > git log --format=%H%n%aN%n%aE%n%at%n%ct%n%P%n%D%n%B -z --shortstat --diff-merges=first-parent -n50 --skip=0 --topo-order --decorate=full --stdin [125ms]

*2024-11-24* *23:20:45.200* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [108ms]

*2024-11-24* *23:20:45.200* [info] > git config --get commit.template [116ms]

*2024-11-24* *23:20:45.298* [info] > git status -z -uall [91ms]

*2024-11-24* *23:20:45.300* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [86ms]

*2024-11-24* *23:20:47.807* [info] > git show --textconv :.git/COMMIT\_EDITMSG [69ms]

*2024-11-24* *23:20:47.808* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [59ms]

*2024-11-24* *23:20:48.119* [info] > git check-ignore -v -z --stdin [52ms]

*2024-11-24* *23:20:48.388* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [53ms]

*2024-11-24* *23:20:48.442* [info] > git show --textconv :.git/COMMIT\_EDITMSG [49ms]

*2024-11-24* *23:21:14.431* [info] > git show --textconv :Application.py [51ms]

*2024-11-24* *23:21:14.433* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [50ms]

*2024-11-24* *23:21:14.484* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [47ms]

*2024-11-24* *23:25:25.055* [info] > git show --textconv :ChequingAccount.py [63ms]

*2024-11-24* *23:25:25.056* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\ChequingAccount.py [61ms]

*2024-11-24* *23:25:25.109* [info] > git cat-file -s 15403eada79667862d4ca76e50b5b0cfda1d1f82 [50ms]

*2024-11-24* *23:25:32.364* [info] > git show --textconv :Application.py [51ms]

*2024-11-24* *23:25:32.368* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [50ms]

*2024-11-24* *23:25:32.418* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [45ms]

*2024-11-24* *23:36:02.084* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [50ms]

*2024-11-24* *23:36:02.089* [info] > git show --textconv :SavingsAccount.py [61ms]

*2024-11-24* *23:36:02.128* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [40ms]

*2024-11-24* *23:36:12.847* [info] > git show --textconv :Application.py [45ms]

*2024-11-24* *23:36:12.851* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [44ms]

*2024-11-24* *23:36:12.897* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [43ms]

*2024-11-24* *23:37:39.928* [info] > git show --textconv :SavingsAccount.py [55ms]

*2024-11-24* *23:37:39.929* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\SavingsAccount.py [53ms]

*2024-11-24* *23:37:39.980* [info] > git cat-file -s b624d0a17c75b1d9f6afbbab56ed618a0522bd70 [46ms]

*2024-11-24* *23:37:50.480* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\ChequingAccount.py [49ms]

*2024-11-24* *23:37:50.484* [info] > git show --textconv :ChequingAccount.py [58ms]

*2024-11-24* *23:37:50.528* [info] > git cat-file -s 15403eada79667862d4ca76e50b5b0cfda1d1f82 [44ms]

*2024-11-24* *23:37:55.757* [info] > git show --textconv HEAD:Account.py [50ms]

*2024-11-24* *23:37:55.765* [info] > git ls-tree -l HEAD -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [53ms]

*2024-11-24* *23:38:04.983* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\account.py [47ms]

*2024-11-24* *23:38:04.985* [info] > git show --textconv :account.py [53ms]

*2024-11-24* *23:38:15.887* [info] > git show --textconv :Bank.py [49ms]

*2024-11-24* *23:38:15.891* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Bank.py [48ms]

*2024-11-24* *23:38:15.940* [info] > git cat-file -s 3d950ed62b90b91758db07edcd3ec47833977421 [45ms]

*2024-11-24* *23:40:50.773* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [50ms]

*2024-11-24* *23:40:50.776* [info] > git show --textconv :Application.py [58ms]

*2024-11-24* *23:40:50.819* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [43ms]

*2024-11-24* *23:41:43.494* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) refs/heads/main [49ms]

*2024-11-24* *23:41:43.556* [info] > git log --format=%H%n%aN%n%aE%n%at%n%ct%n%P%n%D%n%B -z --shortstat --diff-merges=first-parent -n50 --skip=0 --topo-order --decorate=full --stdin [58ms]

*2024-11-24* *23:41:49.685* [info] > git show --textconv :.git/COMMIT\_EDITMSG [45ms]

*2024-11-24* *23:41:49.687* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [44ms]

*2024-11-24* *23:42:12.113* [info] > git -c user.useConfigOnly=true commit --quiet [1285042ms]

*2024-11-24* *23:42:12.161* [info] > git config --get commit.template [42ms]

*2024-11-24* *23:42:12.169* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [47ms]

*2024-11-24* *23:42:12.218* [info] > git status -z -uall [45ms]

*2024-11-24* *23:42:12.223* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [46ms]

*2024-11-24* *23:42:12.366* [info] > git merge-base refs/heads/main refs/remotes/origin/main [135ms]

*2024-11-24* *23:42:12.373* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) refs/heads/main [84ms]

*2024-11-24* *23:42:12.382* [info] > git config --get commit.template [76ms]

*2024-11-24* *23:42:12.412* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [101ms]

*2024-11-24* *23:42:12.445* [info] > git diff --name-status -z --diff-filter=ADMR a882ee82773abcb90d90025c4e687bc69d084eca...refs/remotes/origin/main [75ms]

*2024-11-24* *23:42:12.461* [info] > git log --format=%H%n%aN%n%aE%n%at%n%ct%n%P%n%D%n%B -z --shortstat --diff-merges=first-parent -n50 --skip=0 --topo-order --decorate=full --stdin [82ms]

*2024-11-24* *23:42:12.482* [info] > git status -z -uall [66ms]

*2024-11-24* *23:42:12.484* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [63ms]

*2024-11-24* *23:42:12.588* [info] > git show --textconv :Application.py [47ms]

*2024-11-24* *23:42:12.594* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [48ms]

*2024-11-24* *23:42:12.645* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [49ms]

*2024-11-24* *23:42:12.869* [info] > git fetch [603ms]

*2024-11-24* *23:42:12.917* [info] > git config --get commit.template [44ms]

*2024-11-24* *23:42:12.926* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [49ms]

*2024-11-24* *23:42:12.980* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [47ms]

*2024-11-24* *23:42:12.982* [info] > git status -z -uall [53ms]

*2024-11-24* *23:42:14.044* [info] > git config --get commit.template [42ms]

*2024-11-24* *23:42:14.050* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [44ms]

*2024-11-24* *23:42:14.104* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [46ms]

*2024-11-24* *23:42:14.106* [info] > git status -z -uall [52ms]

*2024-11-24* *23:42:14.151* [info] > git ls-tree -l HEAD -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [53ms]

*2024-11-24* *23:42:14.152* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [49ms]

*2024-11-24* *23:42:14.205* [info] > git cat-file -s ee2359b155e7f50ed17c3ed0ea2a386cb10b0956 [49ms]

*2024-11-24* *23:42:14.212* [info] > git show --textconv HEAD:Account.py [52ms]

*2024-11-24* *23:42:14.256* [info] > git show --textconv :Application.py [46ms]

*2024-11-24* *23:43:32.264* [info] > git add -A -- . [116ms]

*2024-11-24* *23:43:32.783* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [49ms]

*2024-11-24* *23:43:32.784* [info] > git show --textconv :.git/COMMIT\_EDITMSG [54ms]

*2024-11-24* *23:43:33.631* [info] > git ls-tree -l HEAD -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [43ms]

*2024-11-24* *23:43:33.632* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [41ms]

*2024-11-24* *23:43:33.681* [info] > git show --textconv HEAD:Account.py [45ms]

*2024-11-24* *23:43:33.682* [info] > git show --textconv :.git/COMMIT\_EDITMSG [43ms]

*2024-11-24* *23:43:46.711* [info] > git -c user.useConfigOnly=true commit --quiet [14444ms]

*2024-11-24* *23:43:46.711* [info] Aborting commit due to empty commit message.

*2024-11-24* *23:43:46.760* [info] > git config --get commit.template [43ms]

*2024-11-24* *23:43:46.770* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [49ms]

*2024-11-24* *23:43:46.822* [info] > git status -z -uall [47ms]

*2024-11-24* *23:43:46.825* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [47ms]

*2024-11-24* *23:43:46.998* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [60ms]

*2024-11-24* *23:43:47.004* [info] > git show --textconv :Application.py [73ms]

*2024-11-24* *23:43:47.053* [info] > git cat-file -s fcefbf6d39afcf14a51e1caeab6f2f14a42daae2 [49ms]

*2024-11-24* *23:43:53.558* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) refs/heads/main [54ms]

*2024-11-24* *23:43:53.616* [info] > git log --format=%H%n%aN%n%aE%n%at%n%ct%n%P%n%D%n%B -z --shortstat --diff-merges=first-parent -n50 --skip=0 --topo-order --decorate=full --stdin [54ms]

*2024-11-24* *23:44:00.866* [info] > git show --textconv :.git/COMMIT\_EDITMSG [54ms]

*2024-11-24* *23:44:00.871* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [55ms]

*2024-11-24* *23:44:01.652* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\.git\COMMIT\_EDITMSG [47ms]

*2024-11-24* *23:44:01.653* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [53ms]

*2024-11-24* *23:44:01.712* [info] > git cat-file -s a69a0ffc4e1e18e81b9a59c4e0eb46effad68d08 [53ms]

*2024-11-24* *23:44:01.719* [info] > git show --textconv :.git/COMMIT\_EDITMSG [56ms]

*2024-11-24* *23:44:01.771* [info] > git show --textconv :Account.py [52ms]

*2024-11-24* *23:44:17.554* [info] > git -c user.useConfigOnly=true commit --quiet [17208ms]

*2024-11-24* *23:44:17.616* [info] > git config --get commit.template [55ms]

*2024-11-24* *23:44:17.620* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [56ms]

*2024-11-24* *23:44:17.687* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [57ms]

*2024-11-24* *23:44:17.690* [info] > git status -z -uall [65ms]

*2024-11-24* *23:44:17.786* [info] > git merge-base refs/heads/main refs/remotes/origin/main [83ms]

*2024-11-24* *23:44:17.830* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) refs/heads/main [105ms]

*2024-11-24* *23:44:17.877* [info] > git diff --name-status -z --diff-filter=ADMR a882ee82773abcb90d90025c4e687bc69d084eca...refs/remotes/origin/main [84ms]

*2024-11-24* *23:44:17.942* [info] > git log --format=%H%n%aN%n%aE%n%at%n%ct%n%P%n%D%n%B -z --shortstat --diff-merges=first-parent -n50 --skip=0 --topo-order --decorate=full --stdin [93ms]

*2024-11-24* *23:44:17.946* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [73ms]

*2024-11-24* *23:44:17.951* [info] > git show --textconv :Application.py [83ms]

*2024-11-24* *23:44:18.016* [info] > git cat-file -s fcefbf6d39afcf14a51e1caeab6f2f14a42daae2 [66ms]

*2024-11-24* *23:44:22.186* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [65ms]

*2024-11-24* *23:44:22.196* [info] > git ls-tree -l HEAD -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [80ms]

*2024-11-24* *23:44:22.203* [info] > git log --oneline --cherry main...main@{upstream} -- [68ms]

*2024-11-24* *23:44:22.255* [info] > git cat-file -s fcefbf6d39afcf14a51e1caeab6f2f14a42daae2 [65ms]

*2024-11-24* *23:44:22.265* [info] > git show --textconv HEAD:Account.py [63ms]

*2024-11-24* *23:44:22.316* [info] > git show --textconv :Application.py [56ms]

*2024-11-24* *23:44:22.824* [info] > git pull --tags origin main [616ms]

*2024-11-24* *23:44:22.824* [info] From https://github.com/mhmukry/Assignment-3-banking-assignment

 \* branch            main       -> FETCH\_HEAD

*2024-11-24* *23:44:24.066* [info] > git ls-tree -l HEAD -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [55ms]

*2024-11-24* *23:44:24.072* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [57ms]

*2024-11-24* *23:44:24.128* [info] > git show --textconv HEAD:Account.py [57ms]

*2024-11-24* *23:44:24.139* [info] > git cat-file -s fcefbf6d39afcf14a51e1caeab6f2f14a42daae2 [63ms]

*2024-11-24* *23:44:24.199* [info] > git show --textconv :Application.py [55ms]

*2024-11-24* *23:44:24.523* [info] > git push origin main:main [1694ms]

*2024-11-24* *23:44:24.523* [info] To https://github.com/mhmukry/Assignment-3-banking-assignment.git

   a882ee8..3b0a62f  main -> main

*2024-11-24* *23:44:24.577* [info] > git config --get commit.template [51ms]

*2024-11-24* *23:44:24.579* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [51ms]

*2024-11-24* *23:44:24.639* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [50ms]

*2024-11-24* *23:44:24.641* [info] > git status -z -uall [57ms]

*2024-11-24* *23:44:24.713* [info] > git merge-base refs/heads/main refs/remotes/origin/main [65ms]

*2024-11-24* *23:44:24.744* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) refs/heads/main [66ms]

*2024-11-24* *23:44:24.763* [info] > git config --get commit.template [72ms]

*2024-11-24* *23:44:24.771* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [73ms]

*2024-11-24* *23:44:24.794* [info] > git diff --name-status -z --diff-filter=ADMR 3b0a62fb0dbdf1bb533075af80fbca9e0e851df2...refs/remotes/origin/main [75ms]

*2024-11-24* *23:44:24.841* [info] > git log --format=%H%n%aN%n%aE%n%at%n%ct%n%P%n%D%n%B -z --shortstat --diff-merges=first-parent -n50 --skip=0 --topo-order --decorate=full --stdin [92ms]

*2024-11-24* *23:44:24.848* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [69ms]

*2024-11-24* *23:44:24.852* [info] > git status -z -uall [77ms]

*2024-11-24* *23:44:25.748* [info] > git ls-files --stage -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Application.py [38ms]

*2024-11-24* *23:44:25.751* [info] > git ls-tree -l HEAD -- C:\Users\zmukr\Downloads\Sheridan\Semester 1\Programming principles - PROG\Assignment 3\Account.py [44ms]

*2024-11-24* *23:44:25.802* [info] > git cat-file -s fcefbf6d39afcf14a51e1caeab6f2f14a42daae2 [52ms]

*2024-11-24* *23:44:25.808* [info] > git show --textconv HEAD:Account.py [53ms]

*2024-11-24* *23:44:25.846* [info] > git show --textconv :Application.py [39ms]

*2024-11-24* *23:44:26.764* [info] > git config --get commit.template [41ms]

*2024-11-24* *23:44:26.767* [info] > git for-each-ref --format=%(refname)%00%(upstream:short)%00%(objectname)%00%(upstream:track)%00%(upstream:remotename)%00%(upstream:remoteref) --ignore-case refs/heads/main refs/remotes/main [40ms]

*2024-11-24* *23:44:26.816* [info] > git for-each-ref --sort -committerdate --format %(refname) %(objectname) %(\*objectname) [42ms]

*2024-11-24* *23:44:26.818* [info] > git status -z -uall [47ms]

# Program Logic / Flow

**Starting option for the program**

A white background with black text

Description automatically generated

**Main Menu**

**A screenshot of a computer screen

Description automatically generated**

**Open SavingsAccount**

**A close up of a text

Description automatically generated**

**Select Account**

**A screenshot of a computer screen

Description automatically generated**

**Select Account from the Account list**

**A screenshot of a computer screen

Description automatically generated**

**Account Menu for the selected Account**

**A screenshot of a computer program

Description automatically generated**

**Show Balance**

A screenshot of a computer

Description automatically generated

**Deposit Amount**

A screenshot of a computer

Description automatically generated

**Withdraw Amount more than current Balance**

A screenshot of a computer

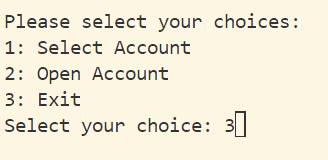
Description automatically generated

**Withdraw Amount**

A screenshot of a computer

Description automatically generated

**Exit from the Account Menu to go back to Main Menu**



**Exit from the Main Menu to go back to the beginning of the program Menu**

A white background with black text

Description automatically generated

**Exit from the program**

