


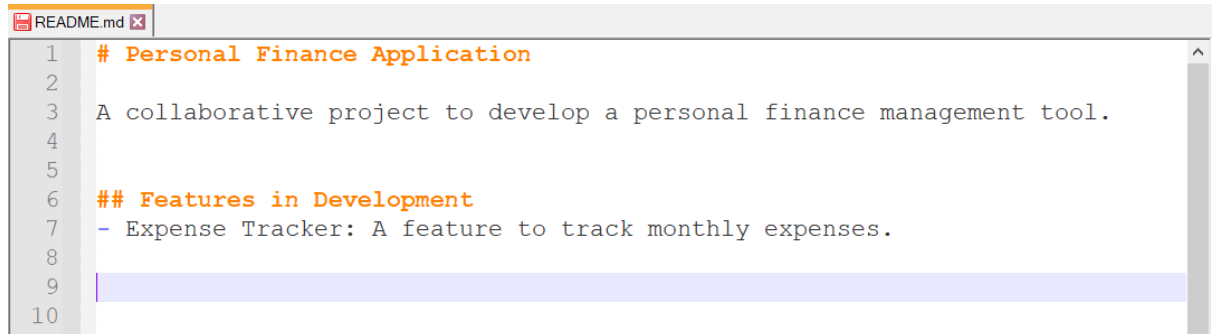
Assignment No.2

1. Create a new branch called feature/expense-tracker.

 MINGW64:/d/JavaWipro/React Assignments/Assignment2

```
prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git checkout -b feature/expense-tracker
Switched to a new branch 'feature/expense-tracker'
```

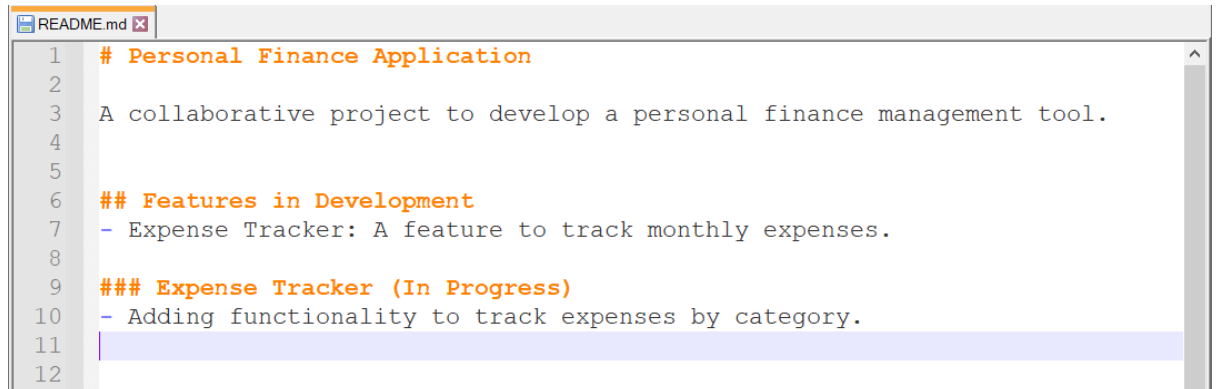
2. Modify the README.md to include a "Features in Development" section.



The screenshot shows a code editor window titled 'README.md'. The content of the file is as follows:

```
1 # Personal Finance Application
2
3 A collaborative project to develop a personal finance management tool.
4
5
6 ## Features in Development
7 - Expense Tracker: A feature to track monthly expenses.
8
9
10
```

3. Simulate an unfinished change by adding a placeholder section to README.md.



The screenshot shows a code editor window titled 'README.md'. The content of the file is as follows:

```
1 # Personal Finance Application
2
3 A collaborative project to develop a personal finance management tool.
4
5
6 ## Features in Development
7 - Expense Tracker: A feature to track monthly expenses.
8
9 ### Expense Tracker (In Progress)
10 - Adding functionality to track expenses by category.
11
12
```

4. Stash the changes using Git stash.

```
prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git checkout -b feature/expense-tracker
Switched to a new branch 'feature/expense-tracker'

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$ ^[[200~git stash
bash: $'\E[[200~git': command not found

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$ git stash
Saved working directory and index state WIP on feature/expense-tracker: 38fcb8e
Initial project setup.
```

5. Switch to the main branch and create a new branch bugfix/login-error.

MINGW64:/d/JavaWipro/React Assignments/Assignment2

```
prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git checkout -b feature/expense-tracker
Switched to a new branch 'feature/expense-tracker'

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$ ^[[200~git stash
bash: $'\E[200~git': command not found

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$ git stash
Saved working directory and index state WIP on feature/expense-tracker: 38fcb8e
Initial project setup.

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

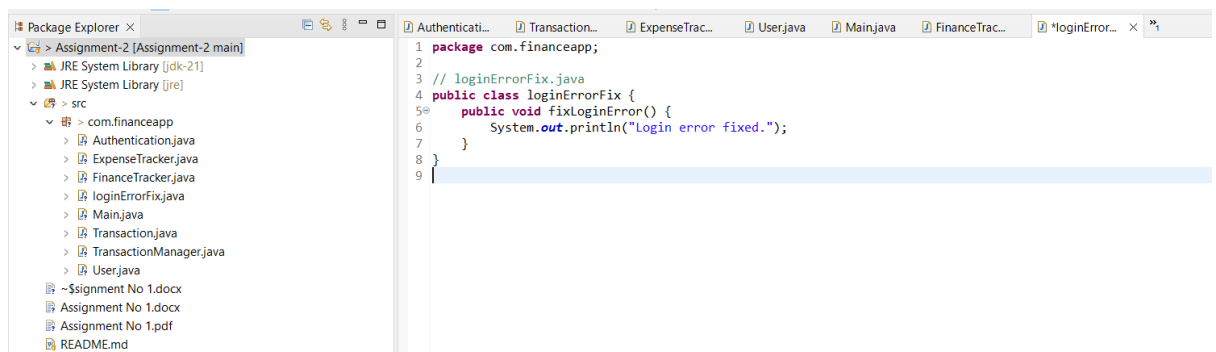
prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git checkout -b bugfix/login-error
Switched to a new branch 'bugfix/login-error'

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (bugfix/login-error)
$ git checkout main
M      README.md
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git checkout -b bugfix/login-error
fatal: a branch named 'bugfix/login-error' already exists

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ |
```

6. Fix the login error by adding a simulated commit.



```

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git add .

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git commit -m "Fix login error"
[main 6ae4503] Fix login error
 57 files changed, 2700 insertions(+)
 create mode 100644 .classpath
 create mode 100644 .metadata/.lock
 create mode 100644 .metadata/.log
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.projects/.org.eclipse.egit.core.cmp/.location
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.root/.indexes/history.version
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.root/.indexes/properties.index
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.root/.indexes/properties.version
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.root/1.tree
 create mode 100644 .metadata/.plugins/org.eclipse.core.resources/.safetable/org.eclipse.core.resources
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.core.resources.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.jdt.ui.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.jsch.core.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.m2e.discovery.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.ui.ide.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.ui.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.ui.workbench.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.core.runtime/.settings/org.eclipse.urischeme.prefs
 create mode 100644 .metadata/.plugins/org.eclipse.e4.workbench/workbench.xmi
 create mode 100644 .metadata/.plugins/org.eclipse.egit.core/.org.eclipse.egit.core.cmp/.project
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.core/assumedExternalFilesCache
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.core/externalFilesCache
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.core/javaLikeNames.txt
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.core/nonChainingJarsCache
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.core/variablesAndContainers.dat
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.ui/OpenTypeHistory.xml
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.ui/QualifiedTypeNameHistory.xml
 create mode 100644 .metadata/.plugins/org.eclipse.jdt.ui/dialog_settings.xml
 create mode 100644 .metadata/.plugins/org.eclipse.m2e.core/workspaceState.ser
 create mode 100644 .metadata/.plugins/org.eclipse.m2e.logback/0.log
 create mode 100644 .metadata/.plugins/org.eclipse.m2e.logback/logback.2.1.100.20230106-1511.xml
 create mode 100644 .metadata/.plugins/org.eclipse.oomph.setup/workspace.setup
 create mode 100644 .metadata/.plugins/org.eclipse.tips.ide/dialog_settings.xml
 create mode 100644 .metadata/.plugins/org.eclipse.ui.ide/dialog_settings.xml
 create mode 100644 .metadata/.plugins/org.eclipse.ui.intro/introstate
 create mode 100644 .metadata/.plugins/org.eclipse.ui.workbench/dialog_settings.xml
 create mode 100644 .metadata/.plugins/org.eclipse.ui.workbench/workingsets.xml
 create mode 100644 .metadata/version.ini
 create mode 100644 .project
 create mode 100644 .settings/org.eclipse.core.resources.prefs
 create mode 100644 .settings/org.eclipse.jdt.core.prefs
 create mode 100644 Assignment No 1.pdf
 create mode 100644 bin/com/financeapp/Authentication.class
 create mode 100644 bin/com/financeapp/ExpenseTracker.class

```

7. Push both the bugfix and feature branches to GitHub.

```

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git push origin bugfix/login-error
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'bugfix/login-error' on GitHub by visiting:
remote:   https://github.com/pratikh015/financeApplication/pull/new/bugfix/login-error
remote:
To https://github.com/pratikh015/financeApplication.git
 * [new branch]      bugfix/login-error -> bugfix/login-error

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (main)
$ git checkout feature/expense-tracker
Switched to branch 'feature/expense-tracker'

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$ git push origin feature/expense-tracker
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature/expense-tracker' on GitHub by visiting:
remote:   https://github.com/pratikh015/financeApplication/pull/new/feature/expense-tracker
remote:
To https://github.com/pratikh015/financeApplication.git
 * [new branch]      feature/expense-tracker -> feature/expense-tracker

prati@PRATIK MINGW64 /d/JavaWipro/React Assignments/Assignment2 (feature/expense-tracker)
$

```

8. Open a pull request for both branches.

This screenshot shows a GitHub pull request for the repository 'pratikp015 / financeApplication'. The pull request is titled 'Update README.md #1' and is in a 'Merged' state. It shows that 'pratikp015' merged 1 commit into the 'main' branch from the 'bugfix/login-error' branch. The interface includes tabs for Conversation (0), Commits (1), Checks (0), and Files changed (1). A comment from 'pratikp015' is visible, stating 'No description provided.' Below the comment, a commit history shows 'Update README.md' with a 'Verified' status and commit hash '0f2a523'. A message at the bottom states 'Pull request successfully merged and closed' and suggests deleting the 'bugfix/login-error' branch. A 'Revert' button is also present.

This screenshot shows another GitHub pull request for the same repository, titled 'Update README.md #2'. It is also in a 'Merged' state, showing 'pratikp015' merged 2 commits into the 'main' branch from the 'feature/expense-tracker' branch. The interface shows tabs for Conversation (0), Commits (2), Checks (0), and Files changed (1). A comment from 'pratikp015' is visible, stating 'No description provided.' Below the comment, a commit history shows 'Update README.md' (Verified, b6a4959) and 'Merge branch 'main' into feature/expense-tracker' (Verified, c3638e1). A message at the bottom states 'Pull request successfully merged and closed' and suggests deleting the 'feature/expense-tracker' branch. A 'Revert' button is also present.