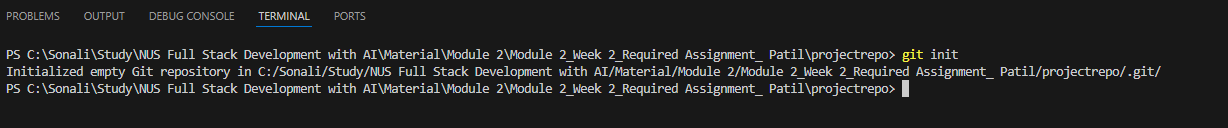
**1. Initialise a Git Repository and Make Initial Commit**

**Q1a) Create a new directory named projectrepo.**

A screenshot of a computer program

AI-generated content may be incorrect.

**Q1b) Initialise a Git repository in this directory using the appropriate command.**



**Q1c) Create a README.md file, add some introductory content, and save it.**A black screen with a cross

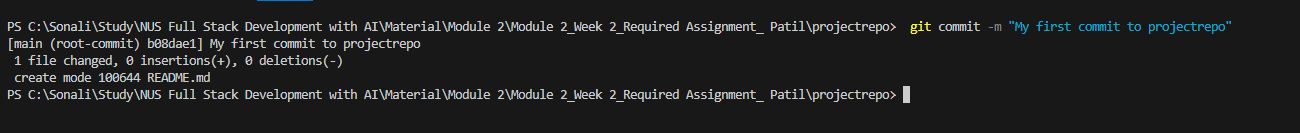
AI-generated content may be incorrect.

A computer screen with white text

AI-generated content may be incorrect.

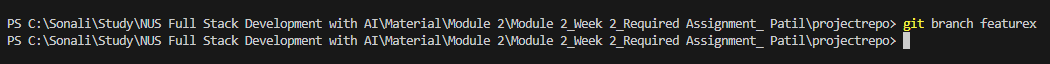
**Q1d) Stage and commit the README.md file with an appropriate commit message.**A black screen with white text

AI-generated content may be incorrect.



**2. Create a New Branch and Implement a Feature**

**Q2a) Create a new branch named featurex and switch to it.**



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**Q2b) In featurex, add a new file named feature.py and write a simple function (e.g., a function that adds two numbers).**

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**Q2c) Stage and commit feature.py with an appropriate commit message.**

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AI-generated content may be incorrect.

**Q2d) Switch back to the main branch and confirm that feature.py is not in the main branch.**A black screen with white text

AI-generated content may be incorrect.

**3. Make Changes on the Main Branch to Create a Merge Conflict**

**Q3a) Initialise a Git repository and create a file & Create a New Branch**A screenshot of a computer

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A screenshot of a computer

AI-generated content may be incorrect.

**Q3b) Make Changes on the Main Branch and Feature Branch**

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**Q3c) Merge the feature branch into the main branch.**A screenshot of a computer program

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**Q3d) Resolve the merge conflict.**

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**4. Work with a Remote Repository**

**Q4a) Create a remote repository (e.g., on GitHub) named projectrepo.**

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A screenshot of a computer

AI-generated content may be incorrect.

**Q4b) Connect your local projectrepo to this remote repository using git remote add.**A black screen with white text

AI-generated content may be incorrect.

**Q4c) Push the main branch to the remote repository.**

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AI-generated content may be incorrect.

**Q4d) Create a new branch named collaborator update in the remote repository by pushing a new commit to it.** A screenshot of a computer program

AI-generated content may be incorrect.

**Q4e) Return to your local repository, pull the latest changes, and merge collaborator update into main. - Remote changes are pulled successfully into the local repository, and branches are merged successfully with no conflicts.**

A screenshot of a computer program

AI-generated content may be incorrect.

**Q4f) Push the final merged state to the remote repository.**

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A screenshot of a computer

AI-generated content may be incorrect.

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**For the future reference, All the code is pushed to remote repository (https://github.com/SSKRCP/projectrepo)**

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A screenshot of a computer

AI-generated content may be incorrect.