Ex1

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# Introduction to Git Version Control and GitHub

## Instructions

### 1. Setting Up Your Environment

* Install Git on your local machine if you haven’t already.
* Create a GitHub account if you don’t have one.

### 2. Create a New Repository

* On GitHub, create a new repository named “R-File-Modification.”
* Initialize the repository with a README file.

### 3. Clone the Repository

* Open your terminal or Git Bash.
* Use the git clone command to clone the repository to your local machine.
* ```bash git clone <https://github.com/gkwmu/R-File-Modification.git>

### 4. Create an R File  
  
- Inside the cloned repository, create a new R script file named "analysis.R."  
  
### 5. Commit Changes  
  
- Use the following commands to add and commit the new R file.  
  
 ```bash  
 git add analysis.R  
 git commit -m "Initial commit: Added analysis.R"

### 6. Modify the R File

* Open “analysis.R” and make any modifications you see fit (add comments, variables, functions, etc.).

### 7. Commit Changes Again

* Use the following commands to commit the modifications.
* git add analysis.R  
  git commit -m "Modified analysis.R"

### 8. Push Changes to GitHub

* Push your changes to the GitHub repository.
* git push origin main

### 9. Verify Changes on GitHub

* Visit your GitHub repository online to confirm that the changes are reflected in the remote repository.

### 10. Submission

* Submit the URL of your GitHub repository, demonstrating the commits with the modifications to the “analysis.R” file.
* <https://github.com/gkwmu/R-File-Modification>

# Exploring Markdown Syntax and R Functions

### 1. Table Creation Using Markdown

Compose a Markdown table with two columns and two rows. Use any content you prefer for the cells. Provide the Markdown code for creating the table.

| ID | Name |
| --- | --- |
| 25 | Kev Adams |
| 39 | John Landis |

### 2. Attaching a Hyperlink

Create a Markdown hyperlink with the text “Visit our website” pointing to the URL “<http://www.examplewebsite.com>.” Share the Markdown code for generating this hyperlink.

[Visit our website](http://www.examplewebsite.com)

### 3. Inserting an Image

Include an image in your Markdown document. Use any image URL or path you choose, and provide the Markdown code for inserting the image. Additionally, include alternative text for accessibility.



Media illustration