Markdown and Linux Exercise

Author - Rashmika Dineth Ruwanpathirana - BEIRP24A6

Part 1: Markdown exercise

Content

- Introduction to Markdown
- Markdown syntax basics
- Introduction to Linux
- Basic commands

Markdown examples

- **This is a Bold text**
- *This is a italic text*
- Assignment 4 - Link
- This can be a code block

No	Description
1	Title
2	Text
3	Text
4	Text

This is a Sample Image

Part 2: Linux Exercise

1. Open a Linux command prompt (terminal).

2. Create a new directory named markdown_linux_assignment with the command:

- mkdir markdown_linux_harjoitus

- Go to the created directory with the command: cd markdown_linux_harjoitus

The name **markdown_linux_harjoitus** used as the directory name

3. Create a new empty file named README.md with the command:

- touch README.md

4. Check that the file was created successfully with the command:

- ll

```
azuredineth@linux-lab:~/markdown_linux_harjoitus$ ll
total 8
drwxrwxr-x 2 azuredineth azuredineth 4096 Feb  4 06:36 ./
drwxr-x--- 7 azuredineth azuredineth 4096 Feb  4 06:34 ../
-rw-rw-r-- 1 azuredineth azuredineth    0 Feb  4 06:36 README.md
azuredineth@linux-lab:~/markdown_linux_harjoitus$
```

5. Open README.md file in a text editor, for example, using a nano editor:

- nano README.md

```
azuredineth@linux-lab:~/markdown_linux_harjoitus$ nano README.md
```


6. Add the existing Markdown content to the file and save the changes.

```
  GNU nano 7.2                                    README.md
# Markdown and Linux Exercise

## Author - Rashmika Dineth Ruwanpathirana - BEIRP24A6


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## Part 1: Markdown exercise

### Content

- Introduction to Markdown
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- Introduction to Linux
- Basic commands

#### Markdown examples

- **This is a Bold text**
- _This is a italic text_
- [Assignment 4 - Link](https://github.com/Rashmika-Dineth/Linux/tree/main/Assignment%204)
- `This can be a code block `

| No  | Description |
| --- | ----------- |
| 1   | Title       |
                                      [ Read 70 lines ]
^G Help        ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    M-U Undo      M-A Set Mark
^X Exit        ^R Read File  ^\ Replace    ^U Paste      ^J Justify    M-E Redo      M-G Copy
```

Part 3: Git version control

1. Initialize a new Git repository in the directory with markdown_linux_assingment command:

- git init

```
azuredineth@linux-lab:~/markdown_linux_harjoitus$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/azuredineth/markdown_linux_harjoitus/.git/
azuredineth@linux-lab:~/markdown_linux_harjoitus$
```

2. Add README.md file to the Git repository with the command:

- git add README.md

```
azuredineth@linux-lab:~/markdown_linux_harjoitus$ git add README.md
azuredineth@linux-lab:~/markdown_linux_harjoitus$
```

3. Make your first commit with the command:

- git commit -m "Initial commit: Added README.md with Markdown and Linux instructions"

```
azuredineth@linux-lab:~/markdown_linux_harjoitus$ git commit -m "Initial commit: Added README.md with Markdown and Linux instru
ctions"
[master (root-commit) 4f30dc7] Initial commit: Added README.md with Markdown and Linux instructions
 Committer: Ubuntu <azuredineth@linux-lab.j1nx14kwg25uxkqu4fgh1fseeb.fx.internal.cloudapp.net>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 70 insertions(+)
 create mode 100644 README.md
azuredineth@linux-lab:~/markdown_linux_harjoitus$
```

Task submission

Return README.md file as an electronic version in the course learning environment. Return also the link to your own Git repository, pointing to file you created (.md).