Assignment 1 Report – Mutoni Ange (27581)

Student Details

Name: Mutoni Ange
ID: 27581
Course: Introduction to Linux

Task 1 – Clone Repository

Command:
```
git clone https://github.com/eliekayitare/Introduction_to_linux.git
```
■ Repository cloned successfully.

Screenshot: A clone.png

Task 2 – Create Branch

```
git checkout -b 27581_Mutoni_Ange_assignment1
```
■ Branch created for Mutoni Ange.

Task 3 – Recreate Practice Tree

```
mkdir -p 27581_Mutoni_Ange/Practice/Command
mkdir -p 27581_Mutoni_Ange/Practice/Hi
mkdir -p 27581_Mutoni_Ange/Practice/P1/P2/P3/Here
```
■ Practice tree created.

Screenshot: A Practice.png

Task 4 – Create Scripts and Files

```
echo -e '#!/bin/bash\necho "This is the info file"' >
27581_Mutoni_Ange/Practice/Command/info
echo -e '#!/bin/bash\necho "Hello"' > 27581_Mutoni_Ange/Practice/Hi/Hello
echo "I am here" > 27581_Mutoni_Ange/Practice/P1/P2/P3/Here/hereWeAre

chmod +x 27581_Mutoni_Ange/Practice/Command/info
chmod +x 27581_Mutoni_Ange/Practice/Hi/Hello
```
■ Files created and made executable.

Screenshot: A0.png

Task 5 – Assignment Answers

■ assignment1.txt contains answers to theory questions, including:
1. [Answer to Q1]
2. [Answer to Q2]
3. [Answer to Q3]

...

Task 6 – Verify Directory Tree

```
tree 27581_Mutoni_Ange
```
■ Tree confirms correct structure.

Screenshot: A3.png

Task 7 – Stage, Commit, and Push

```
git add 27581_Mutoni_Ange
git commit -m "Assignment 1 submission for Mutoni Ange (27581)"
git push origin 27581_Mutoni_Ange_assignment1
```
■ Work successfully pushed to GitHub.

Conclusion

This assignment demonstrated:
- Git branching and pushing
- Linux directory navigation
- Bash scripting
- Documentation with screenshots