Linux Basics Assignment

# Creating and Renaming Files/Directories

# A screenshot of a computer AI-generated content may be incorrect.

Explanation:  
- mkdir is used to create directories.  
- touch is used to create an empty file.  
- mv renames or moves files.

# 2. Viewing File Contents

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AI-generated content may be incorrect.

A screenshot of a computer screen

AI-generated content may be incorrect.

Explanation:  
- cat is used to read file content.  
- head and tail show the first and last few lines respectively.

# 3. Searching for Patterns

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AI-generated content may be incorrect.

Explanation:  
- grep is used to search for patterns in files.

# 4. Zipping and Unzipping

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AI-generated content may be incorrect.

Explanation:  
- zip -r compresses directories recursively.  
- unzip -d extracts to a specific folder.

# 5. Downloading File

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Explanation:  
- wget is used to download files from the internet using a URL.

# 6. Changing Permissions



Explanation:  
- chmod 444 sets read-only permissions for owner, group, and others.

# 7. Working with Environment Variables

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Explanation:  
- export sets environment variables in the current shell session.