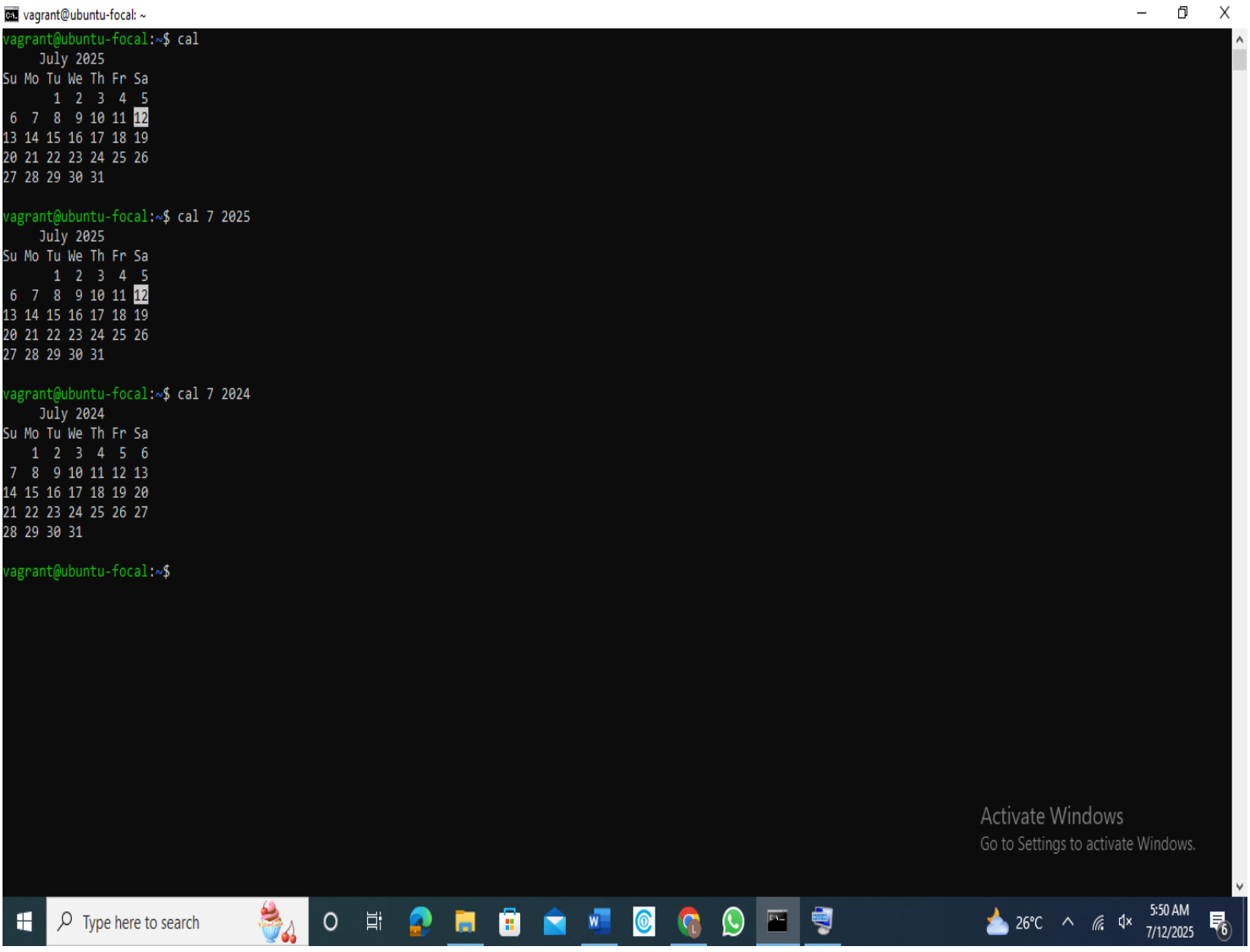
Assignment

Write out 5 not-so-common terminal commands, explain what each does in about 50 words each. And specifically provide visual evidence of testing 2 out of these commands.

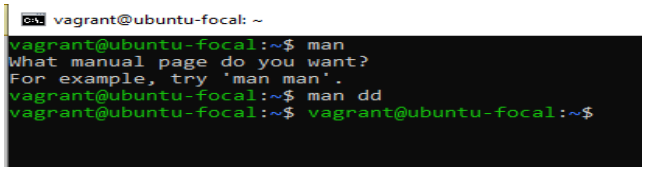
Linux Commands

1. Cal
2. Man
3. Useradd
4. Usermod
5. Passwd

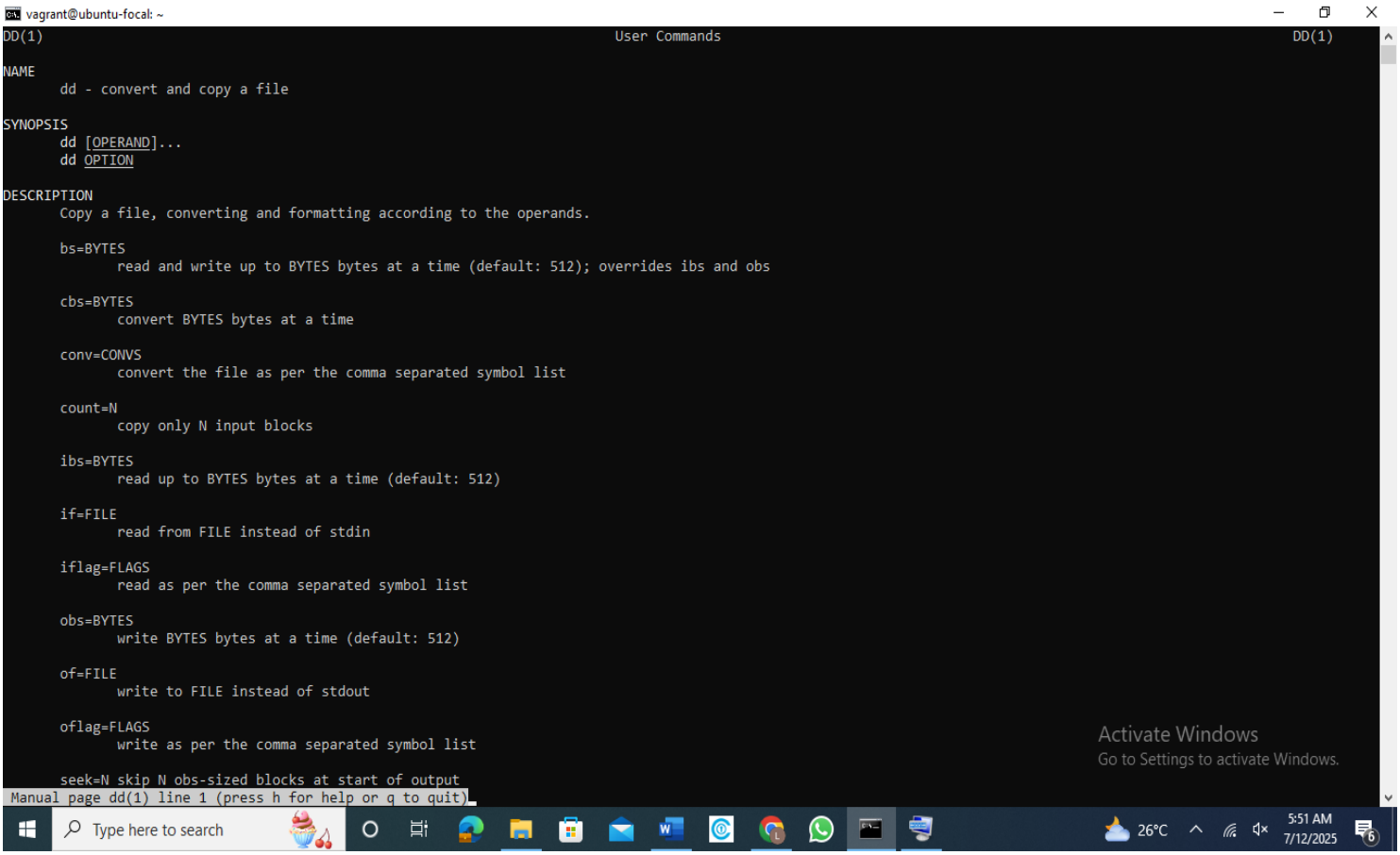
1. **Cal:** The `cal` command in Linux displays a calendar in the terminal. By default, it shows the current month, but you can view any month or year by specifying them (e.g., `cal 7 2025`). It's useful for checking dates quickly without opening a separate calendar application.



2. **Man:** The `man` command in Linux displays the manual pages for other commands, providing detailed information on their usage, options, and syntax. It's a helpful tool for understanding how a command works. For example, `man dd` shows the manual for the `dd` command. You can use `q` to quit the manual viewer.



This is visual evidence of output of man dd:



3. **Useradd:** The `useradd` command in Linux is used to create a new user account. It adds a user to the system with default settings, including creating a home directory if specified. For example, you can create a new user `wale`. You can also customize options like shell, user ID, and group with flags. Example: `useradd -m -s /bin/bash username`.
4. **Usermod:** The `usermod` command in Linux modifies an existing user account. It allows changes like updating the username, home directory, login shell, or group memberships. For example, `usermod -l teephah wale` renames a user. It's useful for managing user settings without deleting and recreating the account.
5. **Passwd**: The `passwd` command in Linux is used to change a user's password. When run without arguments, it updates the current user's password. Administrators can change other users' passwords using `passwd username`. It's essential for account security and enforcing password policies. Users are prompted to enter the new password twice. And the beautiful thing I realized is the security, while you type the password, it is blank, so no one gets to see what you are typing.