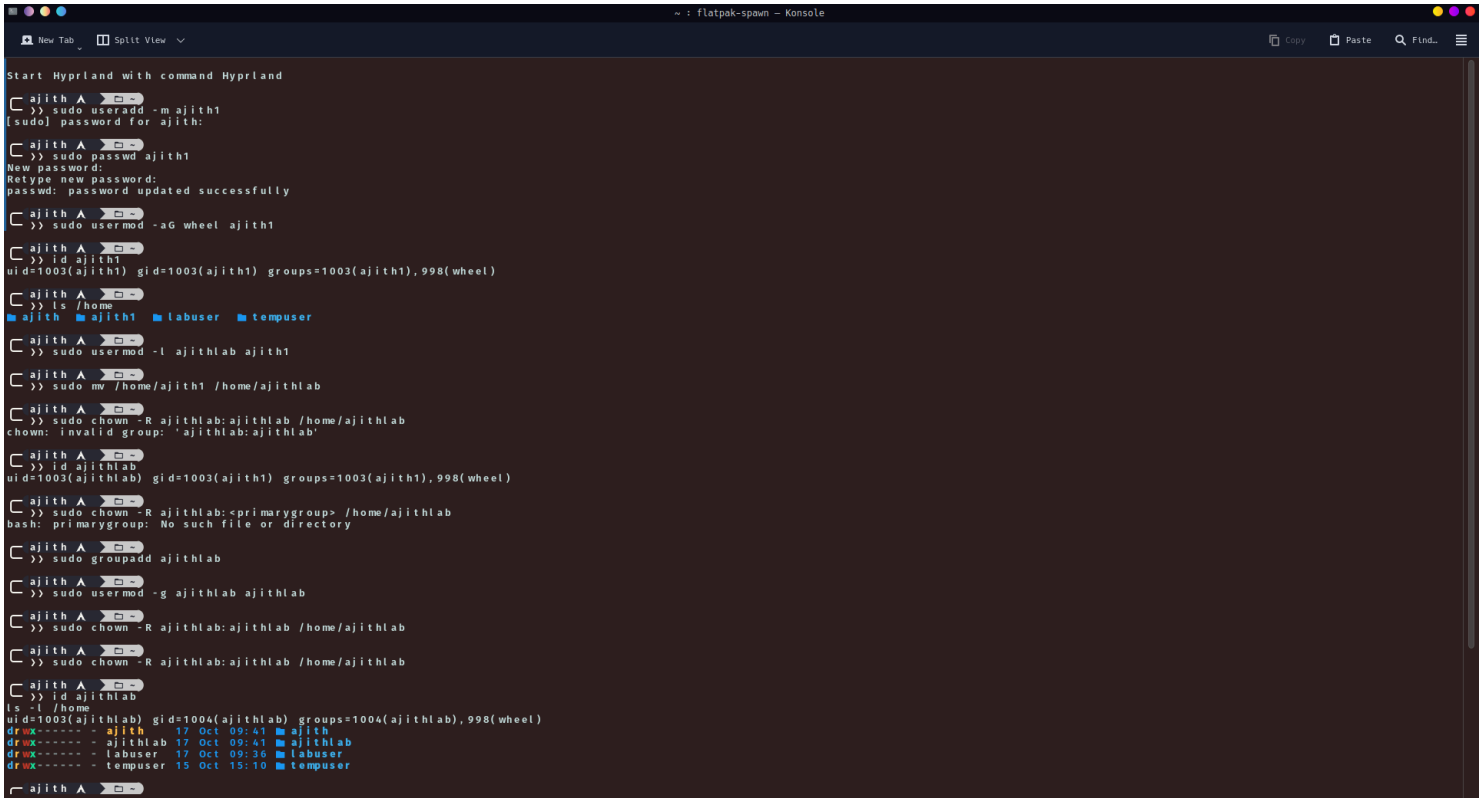
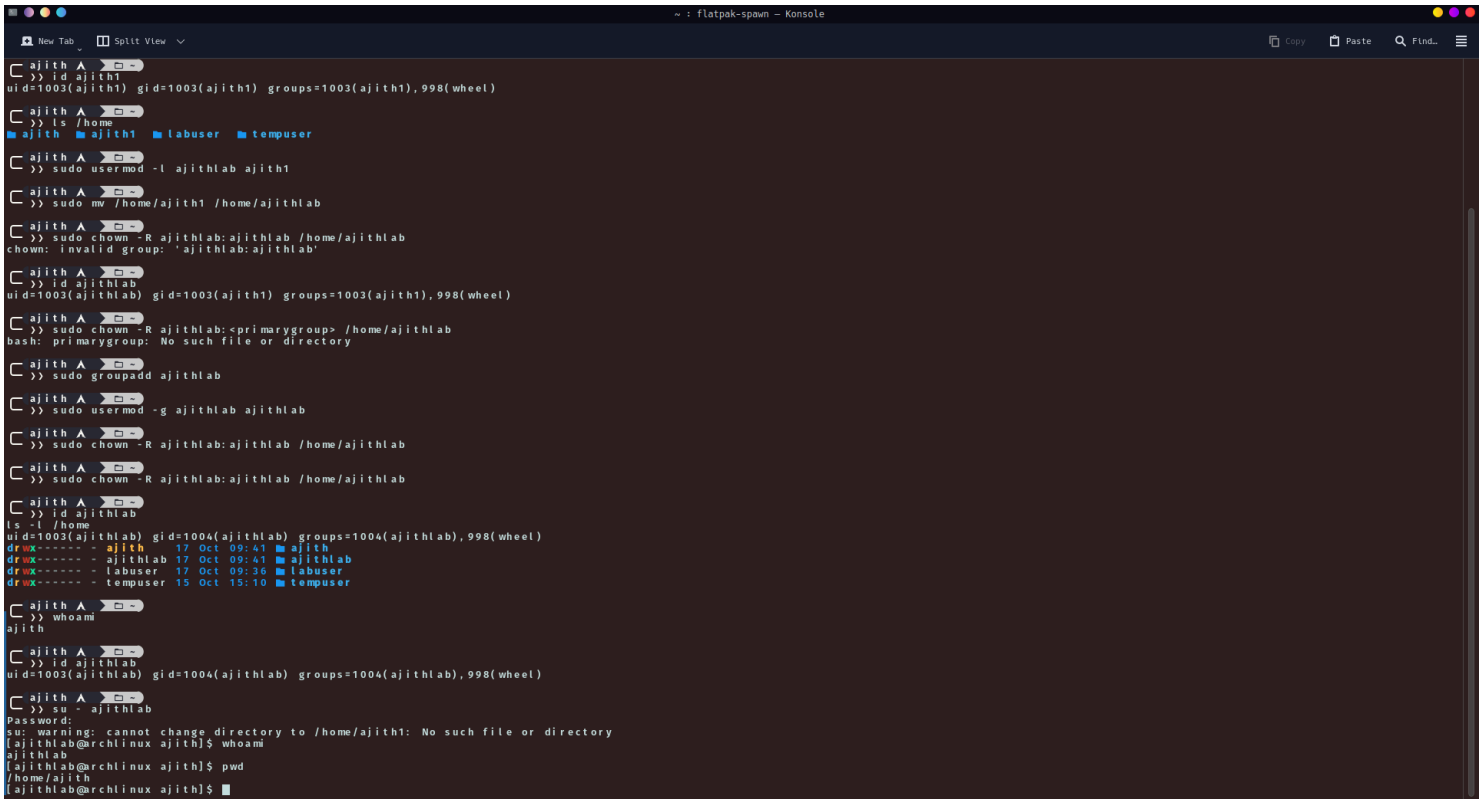
Lab 1: Changing Username and Installing Docker Engine

Part A: Changing Username (Commands Only)

1. Create the new user (ajitlab):
   sudo useradd -m ajitlab
2. Set password for the new user:
   sudo passwd ajitlab
3. Add ajitlab to the wheel (sudo) group:
   sudo usermod -aG wheel ajitlab
4. Change the original username (ajith to ajith1):
   sudo usermod -l ajith1 ajith
5. Move the old home directory to the new name:
   sudo mv /home/ajith /home/ajith1

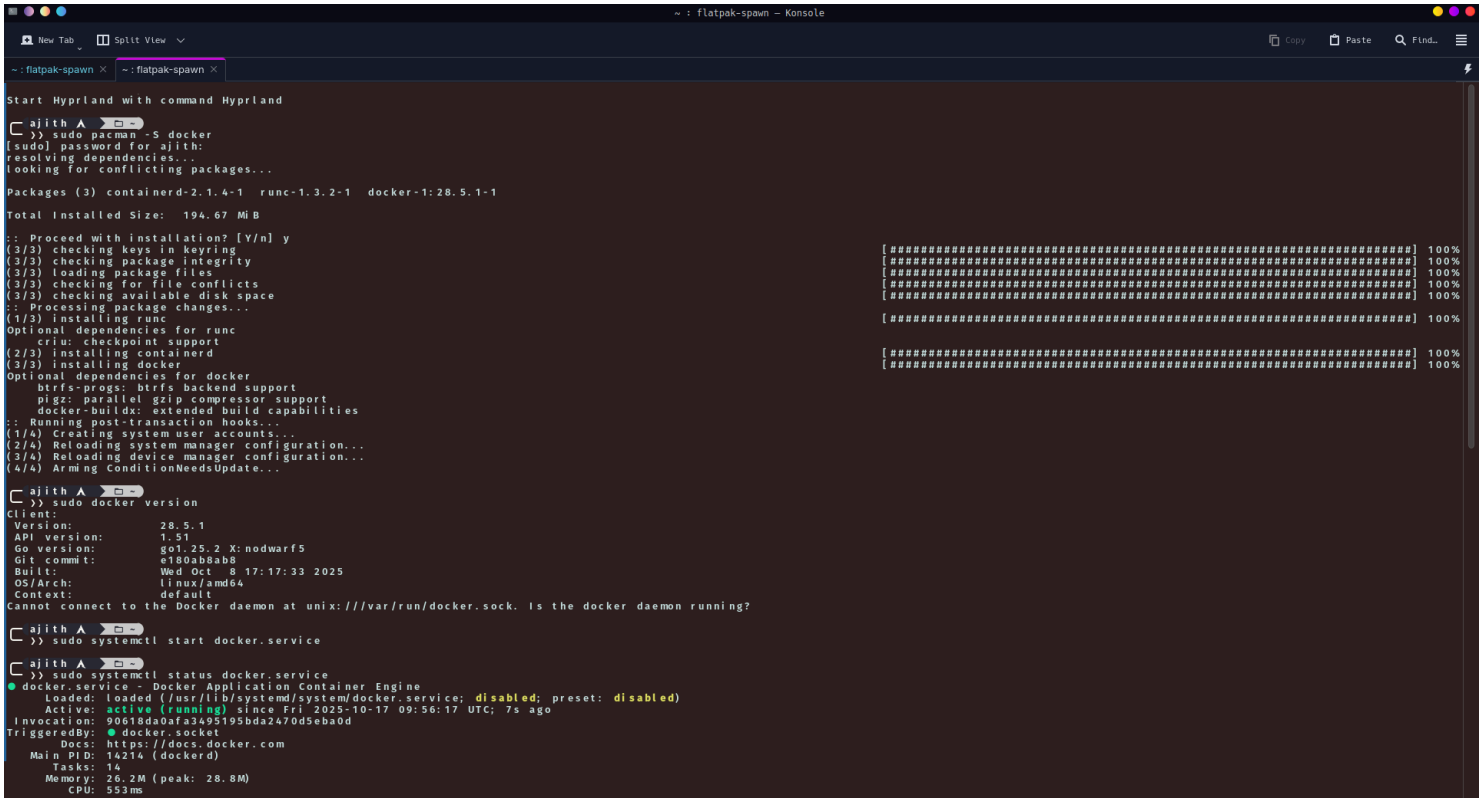


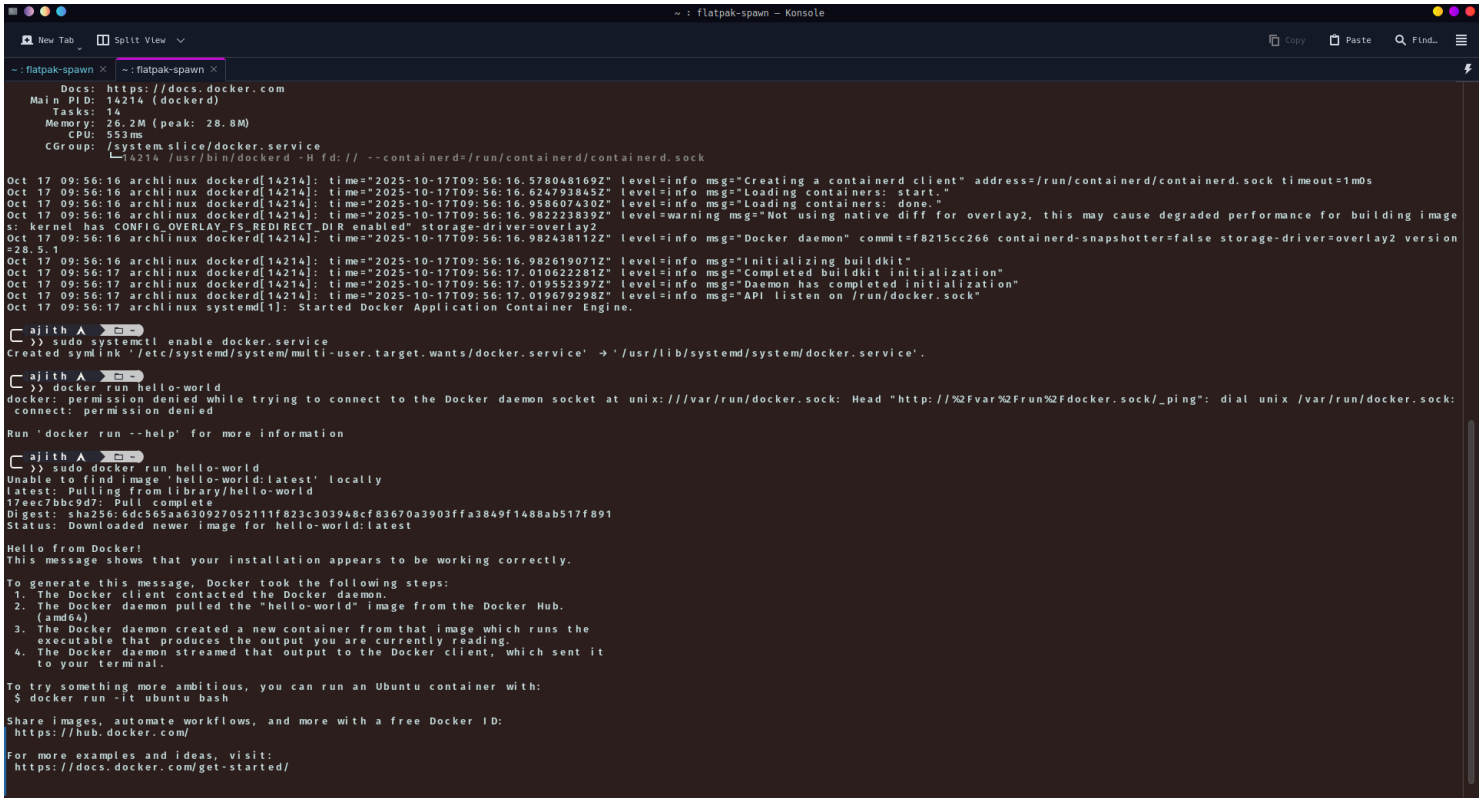


6. Update the ownership of the new home directory:
   sudo chown -R ajith1:ajitlab /home/ajith1
7. Verify user IDs:
   id ajith1
8. List home directory contents:
   ls -l /home
9. Switch to the new user:
   su - ajitlab
10. Confirm current user:
    whoami

Part B: Installing and Testing Docker Engine (Commands Only)

1. Install the Docker package:
   sudo pacman -S docker
2. Check Docker version (daemon will be stopped):
   sudo docker version





3. Start the Docker daemon service:
   sudo systemctl start docker.service
4. Check the service status (should show 'active (running)'):
   sudo systemctl status docker.service
5. Run the test image:
   sudo docker run hello-world