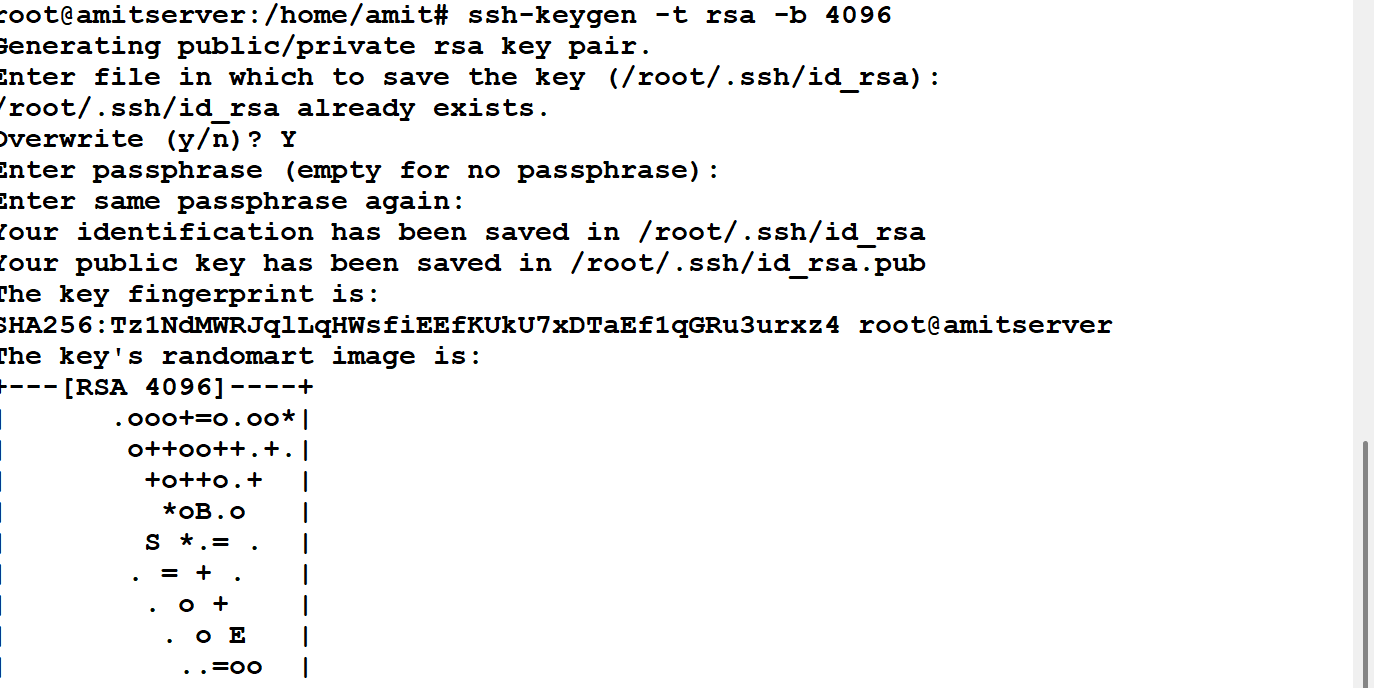
Lab 1:

**1. Generate SSH Key Pair**

ssh-keygen -t rsa -b 4096



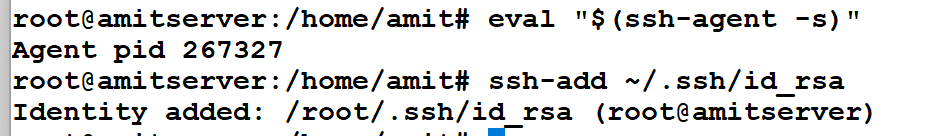
**2. Add the SSH Key to the SSH Agent**

Start the agent:

eval "$(ssh-agent -s)"

Add the private key:

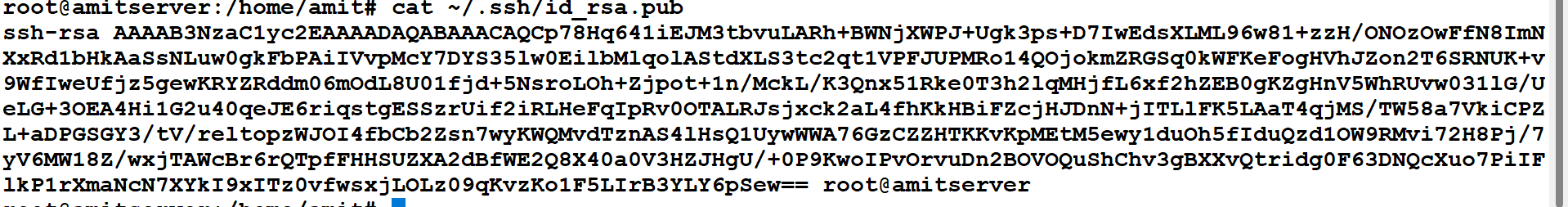
ssh-add ~/.ssh/id\_rsa



**3. Copy the Public SSH Key**

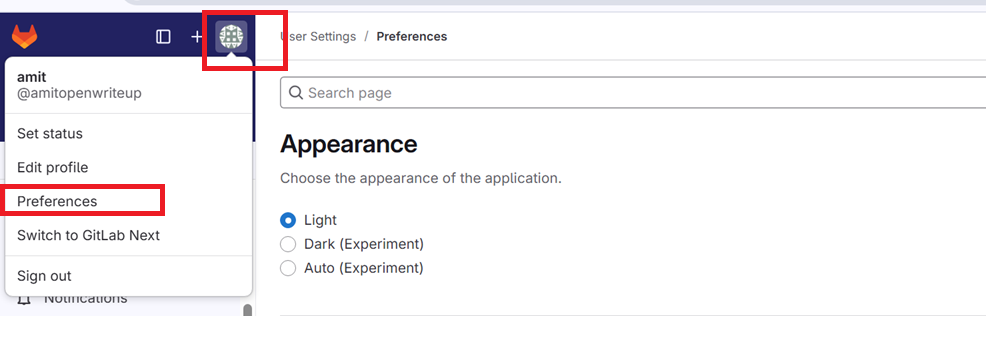
cat ~/.ssh/id\_rsa.pub

* Copy the entire output that starts with ssh-rsa.

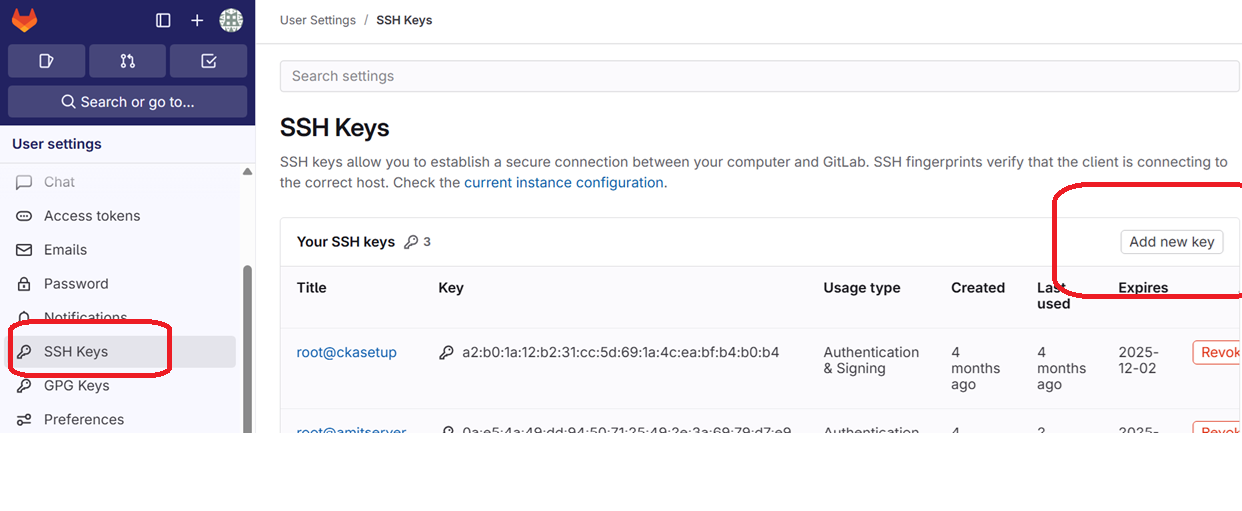


**4. Add SSH Key to GitLab**

1. Log in to GitLab.

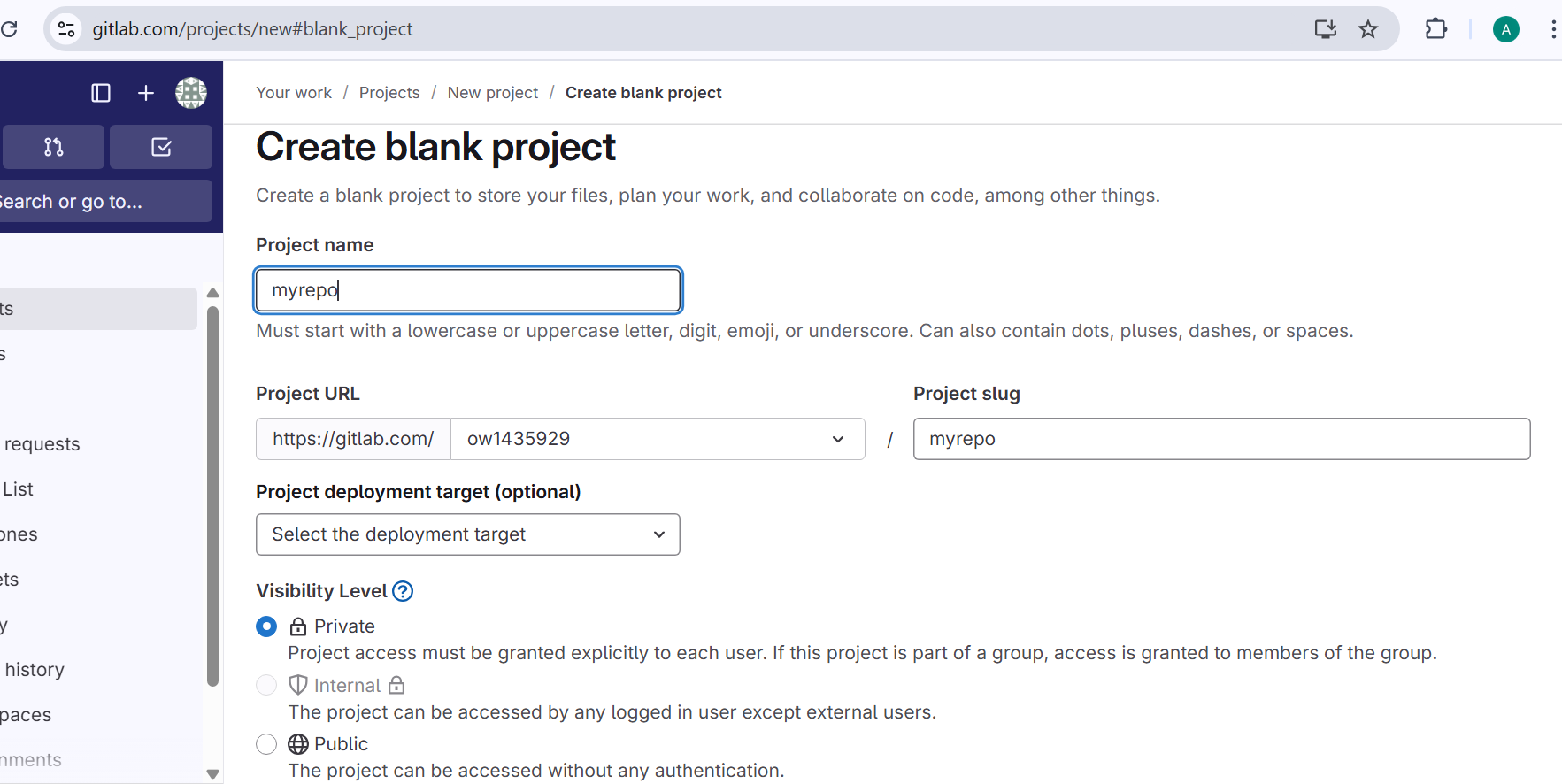


1. Go to **User Settings** > **SSH Keys**.
2. Paste your copied key into the **Key** field.
3. Click **Add key**.

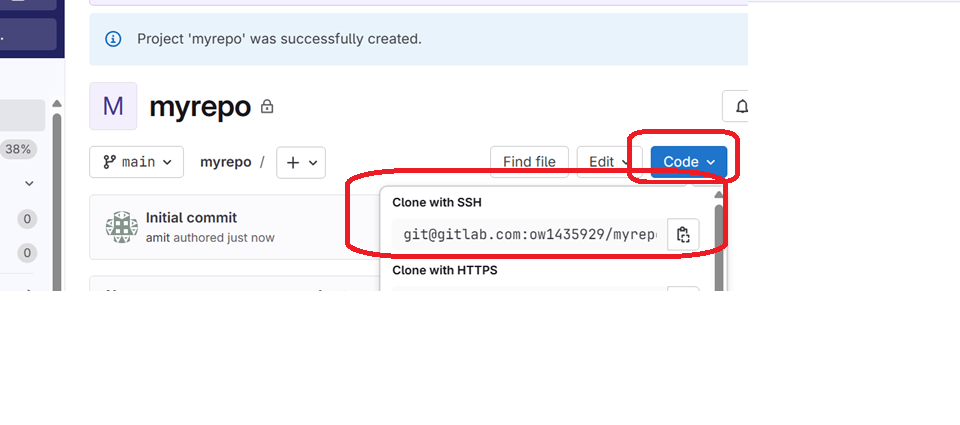


1. **Create project🡪blank project**

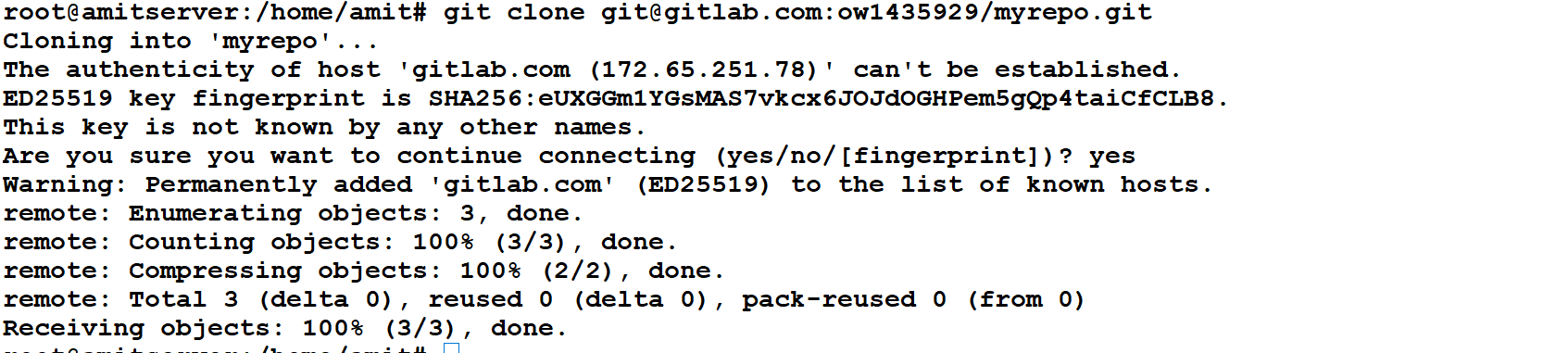
****

****

**6. Clone a GitLab Repository Using SSH**

****

git clone git@gitlab.com:your-username/your-repo.git

****