**SSH Keys**

To connect the local machine to GitHub account, we use SSH Keys. Start by generating a key locally using

**ssh-keygen -t rsa -b 4096 -C “<GitHub email>”**

*(and then we can name the key as how we want, or add an optional passphrase to access)*

To search for the key that we’ve just generated:

**ls | grep <keyname>**

The key with the extension .pub is the public key that we use. The other key without extension is the private key that we should keep to ourselves.

To print out the public key:

**cat <keyname>.pub**

We can then copy this key (only need to highlight it) and add it to GitHub in Settings > SSH and GPG Keys

Then, as we add the SSH key to GitHub, it’s important that your local Git CLI knows about the key we just generated 🡪 We need to add our SSH key to the ssh-agent

<https://docs.github.com/en/authentication/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>