SSH and Remote Server Connection Practice

SSH (Secure Shell): Encrypted remote terminal access to servers

💻
Local Machine

→

🔒
SSH Encrypted

→

🖥️
Remote Server

Basic Connection

```
ssh username@hostname
```

SSH Key Authentication Setup (More Secure)

1

Generate Keys
```
ssh-keygen -t rsa -b 4096
```

2

Copy Public Key
```
ssh-copy-id username@server
```

3

Connect
```
ssh username@server
```
No password needed!

SSH Config

Persistent Sessions

Practice
Connect to lab server, run training scripts remotely

`~/.ssh/config` for convenient aliases and settings

Use `tmux` or `screen` to keep sessions alive