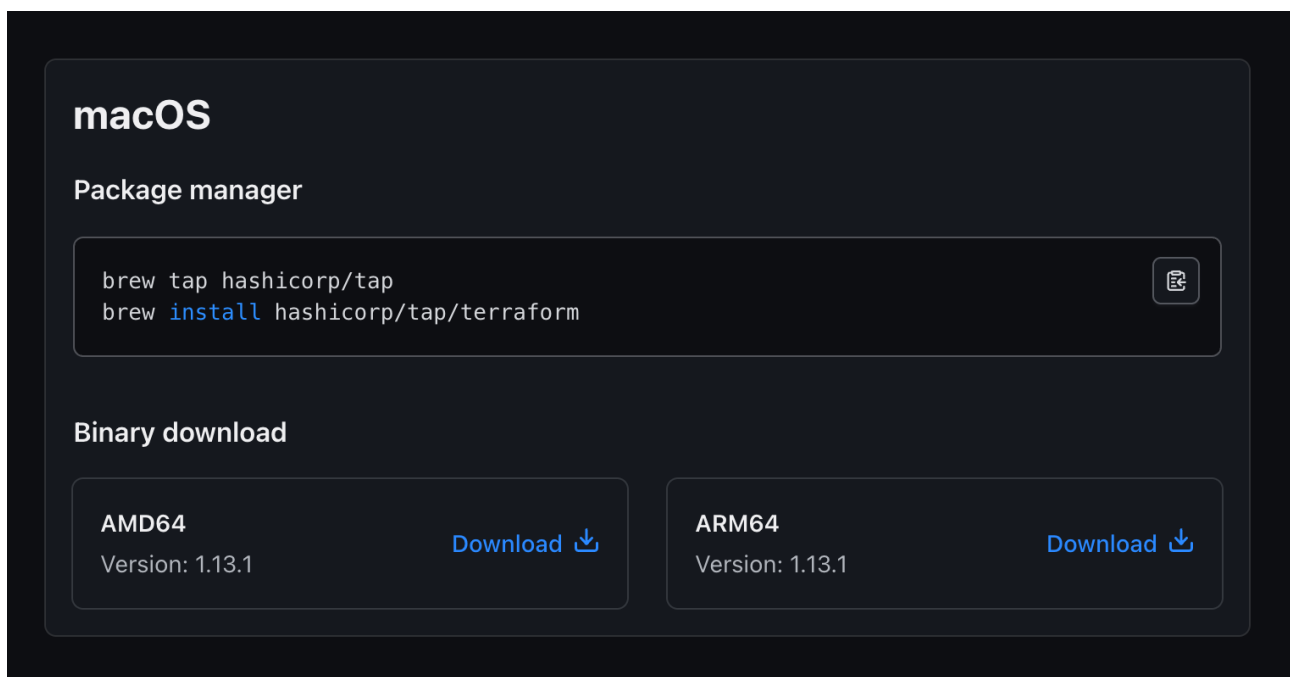# Lab Exercise 1 – Install Terraform on macOS

Installing Terraform on macOS requires you to download the Terraform package, unpack it, and make it available in your CLI.

Step 1: Download Terraform for macOS

1. Browse to the Terraform Downloads page.

2. Under **Operating System**, select **macOS**.

3. The latest version is preselected.

4. Choose the right binary:

    ○ `amd64` → Intel-based Macs

    ○ `arm64` → Apple Silicon (M1/M2/M3) Macs

5. Save the `.zip` file to your preferred location (e.g., `~/Downloads`).

Step 2: Unzip the Downloaded File

1. Open **Terminal**.

2. Navigate to the folder where the `.zip` was downloaded:

```
unzip terraform_<VERSION>_darwin_amd64.zip
```
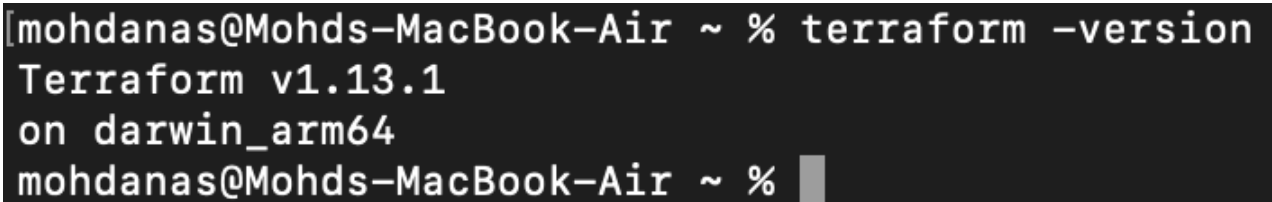
3. Move the binary to `/usr/local/bin` (global path):

```
sudo mv terraform /usr/local/bin/
```

Step 3: Verify Installation

1. Open a new Terminal window.

2. Run:

```
terraform -version
```


3. The output will show the Terraform version you installed.