Semester: V   **Name of Student:**
Academic Year: 2022-23   **Student ID:**
Class / Branch: TE IT
Subject: Advanced Devops Lab (ADL)
Name of Instructor:Prof. Manjusha K.

EXPERIMENT NO. 05

Aim: To understand terraform lifecycle, core concepts/terminologies and install it on a Linux Machine.

Terraform Installation Steps on Ubunu18.04

Step: 1 Terraform uses HashiCorp Configuration Language (HCL) to manage environments of Operators and Infrastructure teams. To download go to site

https://www.terraform.io/downloads.html

Select the appropriate package for your operating system and architecture.

terraform.io/downloads.html

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- Terraform Registry Publishing
- Glossary

macOS
64-bit | Arm64

FreeBSD
32-bit | 64-bit | Arm

Linux
32-bit | 64-bit | Arm | Arm64

OpenBSD
32-bit | 64-bit

Solaris
64-bit

Windows
32-bit | 64-bit

Step:2 unzip the archive by using below command

```
vishal@master:~$ unzip terraform_1.0.3_linux_amd64.zip
```

The archive will extract a single binary called **terraform**.

Step 3: Change the directory to unzipped folder

```
vishal@master:~$ cd terraform_1.0.3_linux_amd64/
```

and Move the terraform binary to a directory included in your system's PATH in my case *usr/*local/bin/

```
vishal@master:~$ sudo mv terraform /usr/local/bin/
```

Step 4: To check whether Terraform is installed, run:

```
vishal@master:~$ terraform -v
Terraform v1.0.3
on linux_amd64
vishal@master:~$
```

Conclusion: Write your own findings.