

<b>Course:</b>	<b>INFO1251 (Web Server &amp; N/W Fundamentals)</b>
<b>Professor:</b>	<b>Sumit Shrestha</b>
<b>Project:</b>	<b>Microsoft Azure and LAMP</b>
<b>Due Date:</b>	

## How will my lab be marked?

Q.	What are the Marks Awarded For?	Marks
1	Install Ubuntu 20.04 on Microsoft Azure (1 screenshot of azure virtual machines)	1
2	Install apache, mysql and php on the VM (3 screenshots after you execute sudo apt policy command)	3
3	a. Create a sample index.html page on var/www/html. This html file should have at least 3 paragraphs with proper html tags. (1 screenshot of the index.html page in nano editor)  b. Download any HTML template from <a href="https://www.free-css.com/">https://www.free-css.com/</a> . Unzip the file to /var/www/html (1 screenshot of the contents of the unzipped folder)	2  2.5
4	Create an A record with public IP of Ubuntu VM in azure for the registered domain(from lab 4). (1 screenshot)	0.5
5	Access the index page and the unzipped site from the primary OS. (2 screenshots of the browser accessing the domain)	1
	Total	10

## Submission Details

You must submit a single **pdf** file with all the screenshots with proper labels. Use **Lab5** as a submission folder.

Sample Screenshots:

**The samples provided here are just for your reference and it does not account to total number of screenshots to be provided. Total number of screenshots required are mentioned in respective questions.**

**Marking will be done entirely upon the screenshots provided. Some of the screenshots may account to multiple questions. In case of any doubt please ask.**

2

```
ubuntu@ip-172-31-41-166:~$ sudo apt policy apache2
apache2:
  Installed: 2.4.29-1ubuntu4.13
  Candidate: 2.4.29-1ubuntu4.13
  Version table:
*** 2.4.29-1ubuntu4.13 500
     500 http://us-east-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packa
     500 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages
     100 /var/lib/dpkg/status
 2.4.29-1ubuntu4 500
     500 http://us-east-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 Packages
```

```
ubuntu@ip-172-31-41-166:~$ sudo apt policy mysql-server
mysql-server:
  Installed: 5.7.29-0ubuntu0.18.04.1
  Candidate: 5.7.29-0ubuntu0.18.04.1
  Version table:
*** 5.7.29-0ubuntu0.18.04.1 500
     500 http://us-east-2.ec2.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packa
     500 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages
     100 /var/lib/dpkg/status
 5.7.21-1ubuntu1 500
     500 http://us-east-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 Packages
```

```
ubuntu@ip-172-31-41-166:~$ sudo apt policy php-dev
php-dev:
  Installed: 1:7.2+60ubuntu1
  Candidate: 1:7.2+60ubuntu1
  Version table:
*** 1:7.2+60ubuntu1 500
     500 http://us-east-2.ec2.archive.ubuntu.com/ubuntu bionic/main amd64 Packa
     100 /var/lib/dpkg/status
```

3

GNU nano 2.9.3index.html

write at least 3 paragraph of content with proper html tags

^G

Get Help

^X

Exit

^O

Write Out

^R

Read File

^W

Where Is

^\_

Replace

^K

Cut Text

^U

Uncut Text

^J

Justify

^T

To Spell

^C

Cur Pos

^\_

Go To Line

M-U

Un

M-E

R