## <u>DAY - 1</u>

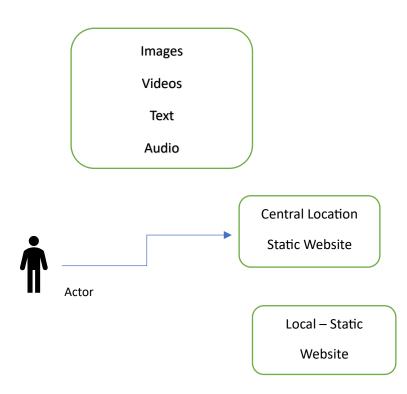
### **IT Infrastructure Overview**

- 1. What is Data Center?
- A. A set of files is all uploading in data in one side it is Data Center. It contains the computing infrastructure that IT systems require, such as servers, data storage drives, and network equipment.
- 2. Static Data?
- A. We just read the data, but we cannot add data or change the data.
- 3. What is server?
- A. server is a computer or system that provides data, services, resources, or programs to other computers, called clients, over a network.

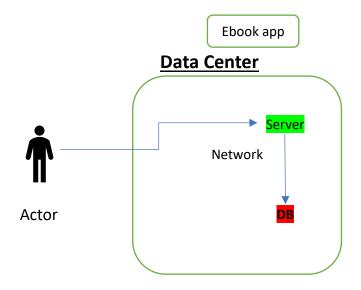


#### **TOPIC - 1**

### Types of Data



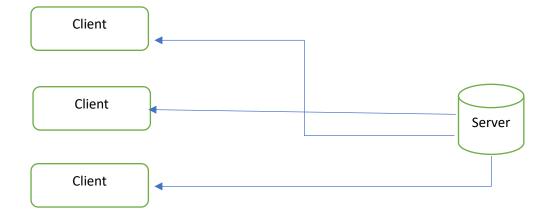
# <u>Topic – 2</u>



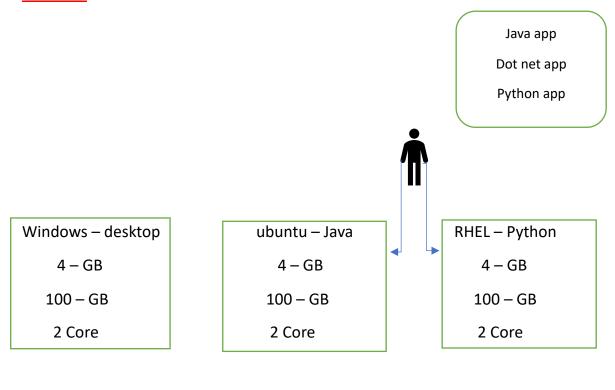
### <u>TOPIC - 3</u>

Client / Server / Architechture

### Network



#### **TOPIC - 4**



Virtualization layer

Hardware layer

RAM – 16 GB

Disk – 512GB

CPU - I7 - 8 Core

- 4. What is Cloud computing?
- A. Cloud computing is the delivery of computing services—including servers, storage, databases, networking, software, analytics, and intelligence-simply Pay for what you use.

- 5. Networking?
- A. A network consists of two or more computers that are linked in order to share resources (such as printers and CDs), exchange files, or allow electronic communications. The computers on a network may be linked through cables, telephone lines, radio waves, satellites, or infrared light beams.

Two very common types of networks include:

- 1. LAN Local Area Network
- 2. WAN Wide Area Network

#### **TOPIC - 5**

Data Center Deman Customer

Headcount is 1000 User

**Ecommerce Application** 

**Ecommerce Application** 

Web Layer(IIS, Ngnix, Apache Tomcat)

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Operating system layer (windows or Linux or Unix)

Operating system layer (windows or Linux or Unix)

Hardware Layer (Physical Server)

Hardware Layer (Physical Server)

#### Resources

RAM

ROM

CPU

**GPU** 

**NETWORK** 

DISK