**CLOUD**

***What is cloud computing?***

*Cloud computing is the on demand availability of computer systems resources, especially data storage and computing power, without direct active management of the user.*

*Points to be remembered:*

* *It can be used as service {rent or lease}.*
* *Various software applications.*
* *[Pay as you go].*

***Types of cloud?***

* *Private cloud*

*For Specific company/private company.*

* *Public cloud*

*Available to anyone or to any company.*

* *Hybrid cloud*

*It is the combination of private and public cloud.*

*Some examples of public cloud services are:*

1. *Amazon -> AWS*
2. *Google -> GCP*
3. *Microsoft -> Azure*

***One type of services Amazon web services provide is***

* ***EC-2:*** *Amazon Elastic compute cloud is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers. Amazon EC2’s simple service interface allows you to obtain and configure capacity with minimal friction. It provides you with complete control of your computing resources and lets you run Amazons proven computing environment.*

***Advantages of cloud***

* *Reduced IT costs.*
* *Scalability.*
* *24\*7 Availability.*
* *Automated updates on software.*
* *Security.*
* *Easily manageable.*