# CLOUD COMPUTING SNIPPETS

# Characteristics of Cloud Computing

1) Agility:- The cloud works in a distributed computing environment. It shares resources among users and works very fast.
2) High availability and reliability:- The availability of servers is high and more reliable because the chances of infrastructure failure are minimum.
3) High Scalability:- Cloud offers "on-demand" provisioning of resources on a large scale, without having engineers for peak loads.

Cloud
Computing

4) Multi-Sharing:- With the help of cloud computing, multiple users and applications can work more efficiently with cost reductions by sharing common infrastructure.

5) Device and Location Independence:- Cloud computing enables the users to access systems using a web browser regardless of their location or what device they use e.g. PC, mobile phone, etc. As infrastructure is off-site (typically provided by a third-party) and accessed via the Internet, users can connect from anywhere.

6) Maintenance:- Maintenance of cloud computing applications is easier, since they do not need to be installed on each user's computer and can be accessed from different places. So, it reduces the cost also.

7) Low Cost:- By using cloud computing, the cost will be reduced because to take the services of cloud computing, IT company need not to set its own infrastructure and pay-as-per usage of resources.

8) Services in the pay-per-use modeApplication Programming Interfaces (APIs) are provided to the users so that they can access services on the cloud by using these APIs and pay the charges as per the usage of services.