Q. What is cloud Computing ?

Ans :- Cloud computing is the practice of using a network of remote servers hosted on the internet to store, manage and process data, rather than a local server or personal computer.

On-Premise	Cloud Providers
You own the server	Someone else owns the server
You hire IT people	Someone else hires the IT people
You pay or rent the real-estate	Someone else pays or rents the real-estate
You take all risk	You are responsible for your configuring cloud services and code, someone else takes care of the rest

The Evolution of Cloud Hosting

1. Dedicated Server :- At first there is One Physical machine dedicated to a single business. Which runs a single web-app/site.
■ Very expensive, High Maintenance, High Security.
2. Virtual Private Server (VPS) :- One Physical machine dedicated to a single business. The physical machine is virtualized into sub-machines Runs multiple web-apps/sites.
   ■ Better Utilization and Isolation of Resources.
3. Shared Hosting :- One physical machine shared by hundred of businesses Relies on most tenants under-utilizing their resources.
   ■ Very Cheap, Limited functionality, Poor Isolation

4. Cloud Hosting :- Multiple physical machines that act as one system. The system is abstracted into multiple cloud services.
   - Flexible, Scalable, Secure, Cost-Effective, High-Configurability.