**Azure fundamental assignment 1**

1.What is cloud computing? What is Azure?

**cloud computing** is the delivery of computing services—including servers, storage, databases, networking, software, and other services over the Internet. You pay only for the resources you use. Using cloud computing you can reduce the cost of hardware and infrastructure.

[Azure is a cloud computing platform](https://www.simplilearn.com/azure-cloud-services-and-its-importance-article?source=frs_author_page) and an online portal that allows you to access and manage cloud services and resources provided by Microsoft. These services and resources include storing your data and transforming it, depending on your requirements. To get access to these resources you need to connect to the Azure portal.

2. How to create an Azure account list the steps and requirements?

Step1: Type azure free trial

Step2: click on the free trial and sign up for free using the outlook mail id

Step3: verify the email address

Step4: Enter the information about you

Step5: enter the phone verification option

Step6: Enter the card details

Step7: Agree the agreement

3. Describe different types of cloud models

The different types of cloud models are:

i) public cloud

ii) private cloud

iii) hybrid cloud

4. Describe different cloud services

Cloud computing resources are delivered using three different service models:

Infrastructure-as-a-service (IaaS) provides instant computing infrastructure that you can provision and manage over the Internet.

Platform as a service (PaaS) provides ready-made development and deployment environments that you can use to deliver your own cloud services.

Software as a service (SaaS) delivers applications over the Internet as a web-based service.

5. What are some cloud computing advantages?

The advantages of cloud computing are:

* Scalability
* Low cost
* Efficiency
* Reliable