**INSTRUCTIONS:**

**\* All the VCUBEians must submit the weekly assignments without fail and delay on Monday.**

**\* Receive your assignment after corrections by respective trainers where they mention suggestions also on the next Monday.**

**\* Read the instructions and NOTE carefully.**

**\* Students who fail to submit on the day specified must write explanation letter to Placement Team/HR-Councellors of your course in VCUBE main Branch.**

**CASE STUDY**

**\*\*\*READ INSTRUCTIONS and NOTE carefully**

NOTE: Prepare the brief notes for the given concepts

1. What is the purpose of route 53 and significance of DNS in the context of Route 53 ?

Amazon Route 53 streamlines the setup of DNS routing by providing quick and easy domain name registration, complemented by straightforward visual traffic flow tools. This enables users to configure their DNS settings within minutes, simplifying the process of managing and directing web traffic efficiently.

1. What is Amazon Cloud Front, and what problem does it solve ?

Amazon CloudFront is a web service that gives businesses and web application developers an easy and cost effective way to distribute content with low latency and high data transfer speeds.

Amazon CloudFront provides a simple API that lets you: Distribute content with low latency and high data transfer rates by serving requests using a network of edge locations around the world. Get started without negotiating contracts and minimum commitments.

3. Explain the concept of "server less" computing in the context of AWS

Lambda ?

AWS Lambda is a serverless, event-driven compute service that lets you run code for virtually any type of application or backend service without provisioning or managing servers. You can trigger Lambda from over 200 AWS services and software as a service (SaaS) applications, and only pay for what you use.