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C334 – IT

1. What is a Session?

A session is a temporary connection between a user and a website/server. It stores user information while they are actively using the site. Once the user closes the browser or logs out, the session usually ends.

Example:

When you log in to Shopee, the website remembers that you are "logged in" as you browse different pages — this is because a session is active.

2. What is a Cookie?

A cookie is a small piece of data stored in the user's browser. Websites use cookies to remember information about the user even after the session ends.

Example:

When a website remembers your dark mode setting or keeps items in your cart even after you close the tab, it uses cookies.

3. What is Authentication?

Authentication is the process of verifying the identity of a user — checking whether the user is really who they claim to be.

Example:

Entering your username and password to log in to Facebook is an authentication process.

4. What is RESTful?

RESTful refers to web services or APIs that follow the REST (Representational State Transfer) architecture. These services use standard HTTP methods like GET, POST, PUT, DELETE to access and manage data.

Example:

A RESTful API endpoint like:
GET /users/1
retrieves the data of the user with ID 1.

5. What is an API?

An API (Application Programming Interface) allows two software applications to communicate with each other.

Example:

When a weather app gets real-time temperature data from a weather website, it uses a weather API to fetch that information.