

November 18, 2025-Lab Activity (Finals)

1. What is session (in web)?
 - It's the period of time that a user actively interacts with a website or web application. It includes page views, entering data or leaving comments, shopping cart contents and other possible interactions.
2. What is cookie (in web)?
 - It's a small text file that the website stores on your computer to remember information about your visit like your preferences, login details or items in a shopping cart.
3. What is Authentication (in web)?
 - It's the process of verifying the identity of a user to ensure they are who they claim to be and is a crucial step in protecting online systems and data.
4. RESTful
 - It refers to web services or APIs that adhere to the principles of Representational State Transfer (REST) and is an architectural style for distributed hypermedia systems. It's to perform operations on resources identified by URIs, adhering to these architectural constraints to achieve a scalable, maintainable and efficient web-based system.
5. API
 - It means Application Programming Interface. It represents a set of rules and protocols that allows different software applications to communicate with each other over the internet. These are crucial for building interconnected and dynamic web applications, enabling different services and platforms to seamlessly share data and functionality.