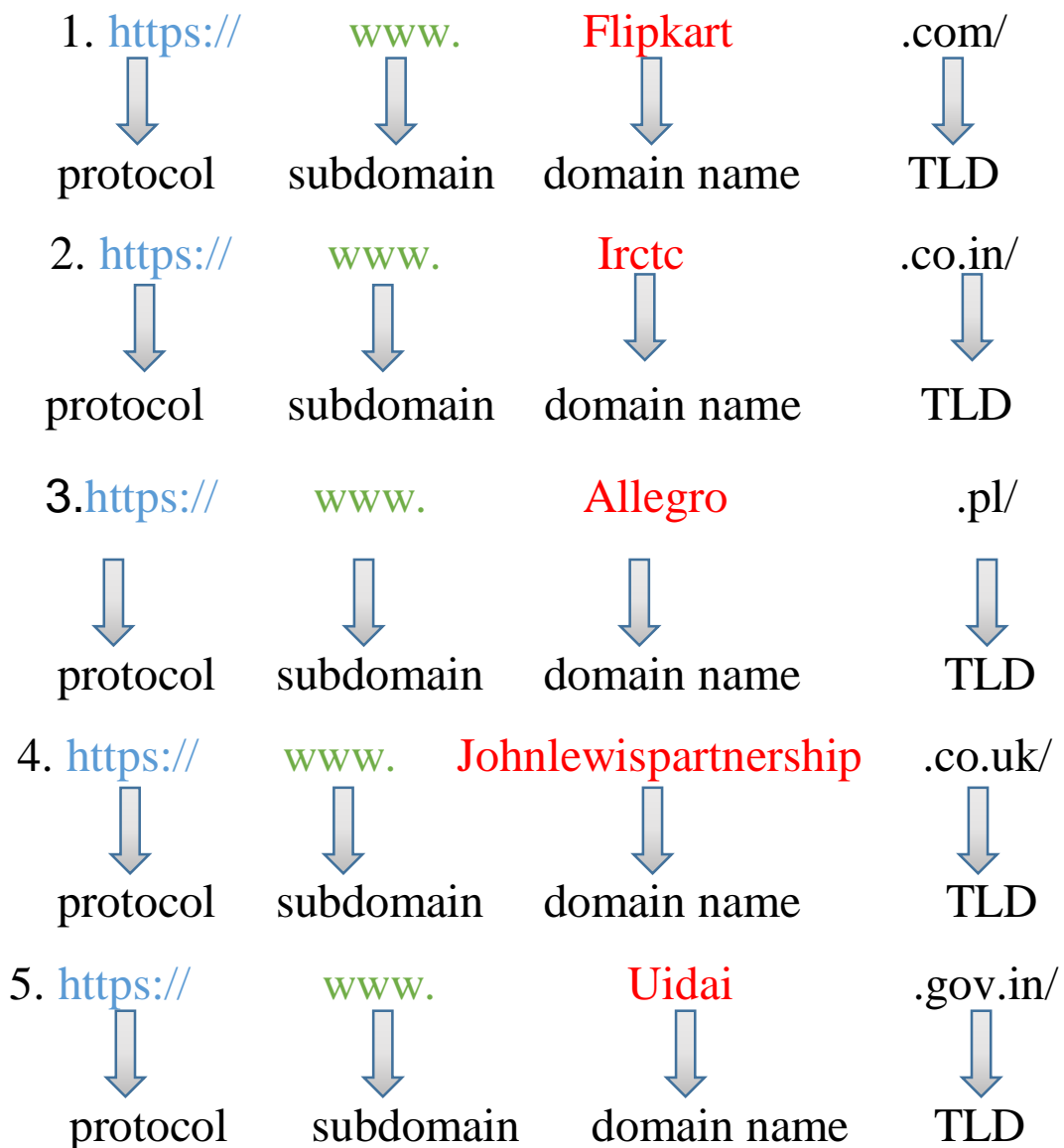


# ASSIGNMENT

□ Please break down the URLs listed below.(list- out protocol, domain, TLD)

ANS=



□ What is HTTPS/SSL update?

ANS=

## **HTTPS:**

**HTTPS (Hypertext transfer protocol secure)** is a protocol that secures communication and data transfer between a user's web browser and a website. HTTPS is the secure version of HTTP.

The protocol protects users against eavesdroppers and man-in-the-middle (Mitm) attacks. It also protects legitimate domains from domain name system (DNS) spoofing attacks.

HTTPS plays a significant role in securing websites that handle or transfer sensitive data, including data handle by online banking services, email providers, online retailers healthcare providers and more. Simply put, any website that requires login credentials or involves financial transaction should use HTTPS to ensure the security of users, transaction and data.

## **SSL:**

SSL(SECURE SOCKETS LAYER) is standard technology for securing an internet connection by encrypting data sent between a website and browser (or between two servers). It prevents hackers from seeing or stealing any information transferred, including personal or financial data.

□ List out 10 famous browsers used worldwide.

1. Google Chroma
2. Tor browser
3. Firebox
4. Brave
5. Microsoft edge
6. Dolphin browser
7. Opera
8. Duckduckgo
9. Torch browser
10. UC browser