

Assignment

❖ Please break down the URLs listed below. (list-out Protocol, Domain, TLD)

Ans=

1 [https://](https://www.flipkart.com/) [www.](https://www.flipkart.com/) [Flipkart](https://www.flipkart.com/) [.com/](https://www.flipkart.com/)
 ↓ ↓ ↓ ↓
 Protocol Subdomain domain name TLD

2 [https://](https://www.irctc.co.in/) [www.](https://www.irctc.co.in/) [Irctc](https://www.irctc.co.in/) [.co.in/](https://www.irctc.co.in/)
 ↓ ↓ ↓ ↓
 Protocol Subdomain domain name TLD

[https://](https://www.allegro.pl/) [www.](https://www.allegro.pl/) [Allegro](https://www.allegro.pl/) [.pl/](https://www.allegro.pl/)
 ↓ ↓ ↓ ↓
 protocol subdomain domain name TLD

[https://](https://www.johnlewispartnership.co.uk/) [www.](https://www.johnlewispartnership.co.uk/) [Johnlewispartnership](https://www.johnlewispartnership.co.uk/) [.co.uk/](https://www.johnlewispartnership.co.uk/)
 ↓ ↓ ↓ ↓
 protocol subdomain domain name TLD

[https://](https://www.uidai.gov.in/) [www.](https://www.uidai.gov.in/) [Uidai](https://www.uidai.gov.in/) [.gov.in/](https://www.uidai.gov.in/)
 ↓ ↓ ↓ ↓
 protocol subdomain domain name TLD

Assignment

❖ What is HTTPS/SSL Update?

Ans= **HTTPS (Hypertext Transfer Protocol Secure)** is a secure version of the HTTP protocol that uses the [SSL/TLS protocol](#) for encryption and authentication. HTTPS is specified by [RFC 2818](#) (May 2000) and uses port 443 by default instead of HTTP's port 80.

The HTTPS protocol makes it possible for website users to transmit sensitive data such as credit card numbers, banking information, and login credentials securely over the internet. For this reason, HTTPS is especially important for securing online activities such as shopping, banking, and remote work. However, HTTPS is quickly becoming the standard protocol for *all* websites, whether or not they exchange sensitive data with users.

SSL(secure sockets layr) is standard technology for securing an internet connection by encrypting data sent between a website and a 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. Brave
3. Tor browser
4. Uc browser
5. Firefox
6. Duckduckgo
7. Torch browser
8. Opera
9. Microsoft edge
- 10. Dolphin browser**