Module -1

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

https://www.flipkart.com/

- Https:-   protocol (Hypertext transfer protocol secure)
- Www:-   Subdomain
- Flipkart:- Domain (Name)
- Com:-   Top level domain (TLD)

https://www.irctc.co.in/

- Https:-   Protocol (Hypertext transfer protocol)
- Www:-   Subdomain
- Irctc :-   Domain (India Railway catering and tourism corporation)
- Co:-   Top level domain (TLD)
- In:-   India

https://www.allegro.pl/

- Https:-   Protocol (Hypertext transfer protocol)
- Www:-   Subdomain
- Allegro:-   Domain (Music company)
- Pl:-   Poland

https://www.johnlewispartnership.co.uk/

- Https:-   Protocol (Hypertext transfer protocol)
- Www:-   Subdomain
- John Lewis Partnership:- Domain(Name)
- Co:-   Top level domain (TLD)
- Uk:-   United Kingdom

https://www.uidai.gov.in/

- Https:-   Protocol (Hypertext transfer protocol)
- Www:-   Subdomain

- Uidai:-   Domain (Unique identification authority of india)
- Gov:-   Top level domain (Government) (TLD)
- In:-   India

(2). What is HTTPS/SSL Update?

1. HTTP (HyperText Transfer Protocol):

- A protocol used for transferring data between a web   browser and a website.
- Example: http://www.example.com/
- Not secure as data is sent in plain text

2. SSL (Secure Sockets Layer):

- A security technology that encrypts data for safe transmission.
- When SSL is enabled, HTTP becomes HTTPS (https://).
- Example: https://www.example.com
- Ensures data privacy and security by encrypting information.

(3). List out 10 famous browsers used worldwide.

- **Google Chrome:** The most popular browser globally, with a market share of over 66%.
- **Apple Safari:** The default browser for IOS and macOS devices, accounting for a significant share of the market.

- **Microsoft Edge:** A browser developed by Microsoft, gaining popularity on desktops and surpassing firefox in some rankings.
- **Mozilla Firefox:** A well-known browser known for its open-source nature and focus on privacy.
- **Samsung Internet:** The default browser for Samsung devices.
- **Opera:** A browser known for its features like built-in ad blocker and focus on speed.
- **UC Browse:** Popular browser, especially in Asia, known for its data-saving features.
- **Yandex Browser:** A browser from the Russian company Yandex, particularly popular in Russia and other countries.
- **Brave:** A browser focused on privacy and security, known for its built-in ad blocker and privacy features.
- **Arc:** A visually innovative browser that emphasizes organization and productivity.