

27/8/22

URL (uniform resource locator)

→ It is used to identify the location of a particular resource (address).

→ Every application will have a unique address in the form of URL.

Syn. of URL

Protocol: // Domain Name: Port Num / resource path ? query string # Fragment Id

Protocol:

→ Whenever two app. are communicating with each other, there needs to be a common language which both a app. understand. Hence we use protocol.

→ Protocol acts like a common language b/w two programs.

→ It is a set of rules (or) instructions.

Types of protocols

1) HTTP ⇒ hyper text transfer protocol

2) HTTPS ⇒ hyper text transfer protocol secured.

3) SMTP ⇒ Simple mail transfer protocol (abc@qsp.com)

4) FTP ⇒ file transfer protocol. (eg: my drive)

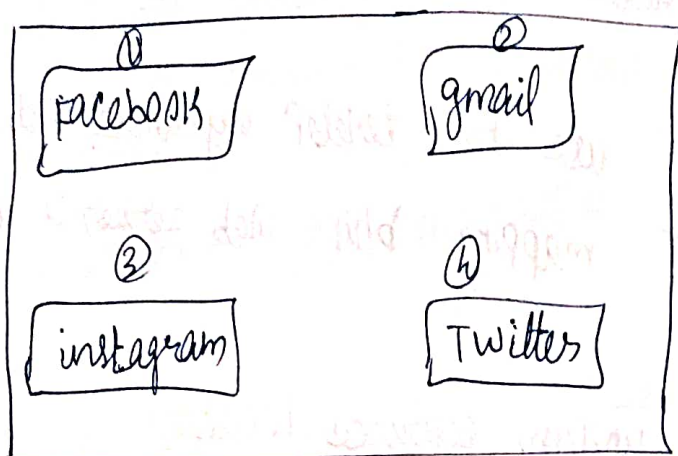
qsp server.

Note:

Protocol is a optional information.

Domain Name:

Network



1) computer name

<https://facebook.com>

2) IP address

<https://instagram.com>

→ It is used to identify specific computer or server within a network.

→ Domain name can be computer name (or) IP address.

→ It is a mandatory information present in the URL.

eg: facebook.com, amazon.in

Port

~~code~~ number:

→ It is used to identify specific app. within computer (or) server.

→ It is also an optional information.

eg: 8080, 8888, 123

Resource Path

It is used to identify specific web resource within application.