

## Module 1 – Foundation

**Q1.** What is a HTTP?

**Ans.** HTTP stands for HyperText Transfer Protocol. It is the protocol used to transfer data between a web browser like Chrome and a web server where websites are stored. When you visit a website like <http://www.flipkart.com>, your browser uses HTTP to request the web page, and the server sends the page back to your browser.

**Q2.** What is a Browser? How does it work?

**Ans.** A browser is a software application used to access and view websites. Popular browsers: Google Chrome, Mozilla Firefox, Microsoft Edge, Safari.

it works:

- i. You type a URL like [www.flipkart.com](http://www.flipkart.com) into the browser.
- ii. The browser sends a request to the server using HTTP/HTTPS.
- iii. The server responds with the website's files HTML, CSS, images, etc..
- iv. The browser reads these files and displays the website on your screen.

**Q3.** What is a Domain Name?

**Ans.** A Domain Name is the address of a website that you type in the browser. Like [www.google.com](http://www.google.com) is a domain name. It is easier to remember than an IP address like 198.168.1.1.. Every domain is linked to a specific IP address, which connects to a web server.

**Q4.** What is Hosting?

**Ans.** Hosting is a service that stores your website files like HTML, images, videos on a server and makes them available on the internet. When someone visits your domain, the hosting server sends your website to their browser.

Hosting companies: Hostinger, Bluehost, etc.