

# Web Development

## Section 1 → Front-End Web Development

① How does Internet and websites actually work?

→ Internet → Is like a long wire connecting computers around the world.

→ Some computers connected to this wire send info (server)  
some receive it (client)

→ Pathways

↓  
Is open 24x7.

Client → Internet service provider → DNS Server → back to client.  
(IP address of website).

Client again sends request (this time with website IP add).  
→ Internet backbone Service provider → Internet backbone → Server  
→ Site.  
(comes/connects to client's computer).

→ Websites → Written in 3 languages (Generally)

Just display & styling {  
    HTML → Responsible for structure  
    CSS → for styling for the website

For doing things on clicking, etc. {  
    JavaScript → Allows websites to do things (or) to have behaviours.