1. Type domain name: browser send a message to Internet Service Provider (ISP), ISP relays the message to DNS server, then it looks up in its database to find exact IP address of the one you type. The IP address will be sent back to browser. Then you can send direct request to that IP address through ISP. This request can be delivered via Internet Backbone.

2. Website: (1) HTML: structure of the website; (2) CSS: styling the website; (3) JS: allow website to do things.

3. Javascript: interpreted language, slow, execute all instructions line by line. It is one language that is supported by all of the major web browsers; Java: compiled language, fast.

4. JS syntax: variable-var; define function: function test(b) {var a = 1; return a + b;}, because JS is script language, its syntax is similar to Python; print: console.log(a);string length: s.length; slicing: s.slice(0, 1), similar to Python slicing; casting: s.toUpperCase(); decimal division is not rounded; random number: var n = Math.random(); logic operator: ===, !==, triple equal sign checks data type while bi-equal sign does not check; control statement: if (a === b) { c = a + b;}

5. syntax 2: var a = [b,c,d,e];array size: a.length; find out whether an element is in an array: a.includes(b), return boolean; add element to the array: a.push(b); loop: while(){}, for(i=0;i<2;i++){}