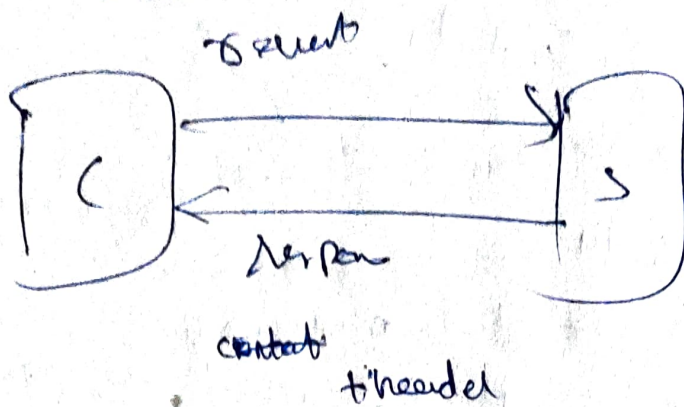## Creating a server:

request

response

content
+header

response

1. content-type   (tells type of data)
2. status   (ex: 200)

② HTTP is a core module used to
   create serve

④ http.createServer () is a method to
   create suve

② Stream & Buffer:-

   Buffer:

   Temporary storage spot for a chunk
   of data that is being transfered from one
   place to another

Stream

{ Stream of data that flows over time from one place to another.

{ It can create streams in node.js to transfer data

① Readable Streams :

Writable Streams
- allow node js to write data to a stream

Readable Streams
- allow node.js to read data from a stream

Duplex Stream
- Can read & write to a stream.

Creating Readable Stream:

fs. createReadStream ( );
      ↓   (__dirname + 'stream.txt');
this inherits from eventemitted.

Creating ~~Readable~~ **Writable** Stream:

var mywrite stream = fs. create Write Stream ( );
                              ↓
                              (__dirname + '/cookies.txt')

⊛ **Pipes** :

used to send data from Readable stream
to writable stream

① Serving HTML Pages :
    create html pages
② Serving JSON Data :

    JSON. Stringify (myobj)
        converts this object into string

/favicon.ico

favicon.ico:
↳ ico(hef) to load favicon
A favicon is a small size file as known as
website icon, tab icon, URL icon or bookmark icon.

Basic
routing

mean, at end of the url adding
/home, /contact or etc

browsing by this.

① Node Package manager & NPM
full-Shot

It is a bunch or command-line
to
tools which can help us install
third-party packages or modules.

Express is one of those Packages

① Express is a package which helps us with routing and templating.

Using node package manager we can install packages / update packages or even publish our own packages for other People to use

✓ [npm install express]

to install express

[npm uninstall express]

to uninstall express

① Package.json file

This file is used to keep track of all the packages we install, how they can be updated and it's also going to help you when you pass your code on to

other developer's ? its going to tell them what they need to install for this application to work ..