Good Morning :)
1.   What is DOM ?
2.   What is prototype is JS
3.   What is the asynchronous callback function
4.   What is Jquery ? $ = jQuery object
5.   What is the purpose of CSS selector ?
6.   What is the purpose of selector >
7.   3 ways to integrate CSS with html
8.   setTimeout setInterval
9.   What is diff bet GET and POST
10.   N tier application
11.   What is pattern attribute ?
12.   What is a regex ?
13.   what is the purpose of submit button
14. what is iFrame
15. how to make 3 radio buttons either or
16. what is rest parameter ?
17. what is splice ?

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Jquery ------
   APIs of Jquery object - ready, click, blur, change, val, text, html,append,animate
   DOM can <mark>traversed</mark> using Jquery   --- we can visit different nodes of DOM
        parent()
        children()
         first()
         find -- find a particular tag within another tag

   css = jQuery API that will apply css properties to a tag !!
   each = if the selector selects multiple tags then we can access each tag using
             this API

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Jquery <mark>custom</mark> data attributes ---
 custom = user defined
 data attributes = written within opening tag

  <div   data-attrib=value >

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Web SERVER Side -----
   1. Write Restful Web Services
   2. Generate Dynamic Html

RESTFul Web Service --- A service (function that gives a feature/functionality)
        Http Method is used to send the CALL to the Web Service
        Http Methods -
            1.   GET = ususally used to get some data from the service (select)
            2.   POST = ususally used to send data to the service (insert)
            3.   PUT = usually used to update data on the service side (update)

4. DELETE = usually used to remove data on server(delete)

Once the request reaches the server side - it will execute on the server
Return data in JSON format to the client through HttpResponse !!

We will use a dummy server   -----   http://reqres.in

AJAX = Asynchronous Javascript API for XML
  = allows us to fire CALLS to RESTFUL SERVICE on the server side FROM the BROWSER

Browser --------AJAX-----------Server
1. Html + JS
        JS API XmlHttpRequest() ---- this object has APIs for AJAX communication
            httpobj.open("GET",url)
            httpobj.open("POST",url)
            httpobj.open("PUT",url)
            httpobj.open("DELETE",url)

1. Html + JQ
        $.get()
        $.post()
        $.put()
        $.delete()
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To write Server = we need to install express in our node project
We write a server.js and run it

Node library
 has npm command = node package manager
  create a folder mywebserver
   npm init } initialize a node project -- create a package.json file
                Package.json = config file used to configure node projects

   npm install express
   npm i   express

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  protocol ://IP : port /resourcename
   http://localhost:7000/