1. Explain about Event Loop & how Event Loop works

Event loops is a design pattern in programming that triggers on a certain event, sometimes it closely related to multi-thread or asynchronous programming

2. Give an explanation about Callback Hell & how to avoid it?

Callback hell formed by calling another callback inside another callback for so many times that resulting the code will go further deeper. You can use Promises to avoid callback hell

3. Give an explanation about Middleware concept

Middleware is basically a function that called every time before certain routes has been called (similar but not same as hooks)

4. Give an explanation about Buffer

Buffer is a process in network to making sure that the user/client will always got fed with newest data/payload

5. Give a list of differentiation of JavaScript iterator functions & For Loop

forEach : loops every index of that array and do certain things inside the callback, more or less it’s basically the same as for loop but simpler and tidier

map : same as forEach but .map function has to return a value and stored it in a variable / render tag in HTML library (such as react/vue)

filter : filter an array by passing the truthy value inside callback

6. What is GraphQL?

GraphQL is another way to request data from the server aside from using a restful API method. It returns original form of data type defined in GraphQL type definitions, and Front End Dev could request / un-request anything based on what they’re need

7. What is Resolver in GraphQL?

Resolver is where we define all of our queries and mutations used in our GraphQL server

8. Give a list about pros & cons using Embedded Document & Reference ID in MongoDB

Pros: this is some way to create associations between collections and documents

Cons: it would be a mess when there’s change (on update or delete) of that corresponding documents

9. What is Aggregation in MongoDB?

Aggregation is an operation to group a collections of data into a tidier one

10. Give an explanation about Pipeline in Aggregation MongoDB

It’s a mongodb framework for data aggregation