

Node Js QUESTIONS

1.What is Nodejs

Ans:

NodeJS is a javascript runtime engine which execute javascript code in web browser with the help of V8 engine.

2.Node vs javascript

Ans:

Node VS Javascript:

- 1)Javascript is a programming language but NodeJs is a javascript Runtime engine.
- 2)without nodeJs javascript can run only on browser but with the help of node js javascript can run outside of browser.
- 3)Only Javascript works in client's side only. But node Js works mostly doing server-side task.
- 4)Javascript used in front End.but node js used for backed.

=====End =====

3.Nodejs single threaded or multi threaded

Ans:

NodeJS works based on single Thread.

=====End =====

4.What is Npm

Ans:

NPM is a Node Package manager of javascript. It helps to manage the packages of Application.Like update old, install new, uninstall, downgrade etc.

=====End =====

5.What is the purpose of a database?

Ans:

Database is a store of collection of various datas for an application. The purpose of database is to store the application required datas in a well-structured way.

=====End =====

6.What is CRUD

Ans:

CRUD means Create, Read, UPDATE, DELETE. Generally In an application we need to work with four functionality like Sometimes we need to add new data in our application for this we use create functionality. sometimes we need to delete data for this we use delete functionality. like this we can Read and update data by using Update and read functionality.

=====End=====

7.PUT and Patch এর মধ্যে পার্থক্য কি?.

Ans: In an application put and patch method used for updating data. They both work for updating. But there is a little bit difference between them. In put method for updating data, we first find the unique id for updating it and if data id is found then it will update it but if unique id isn't found then it will create a new data with a new ID. But patch method only update data. It will not create any new data if it doesn't find any unique id.

=====End =====

8.What is webpack

Ans:

Webpack is open-source and free module bundler for JavaScript. It will make a large number of files, it generates a single file (or a few files) that run your app. It can perform many operations: helps you bundle your resources. it can transform front-end assets such as HTML, CSS, and images if the corresponding loaders are included.

=====End =====

9.Get vs post?

Ans:

The major differences between GET and POST:

- If we do not need to secure our file or document then Get method will be better. But in post method will secure our data to see on url.
- values are visible in the URL of GET method, but the values are not possible to see in post method.

- Get method support only string data type. On the other hand post method supports different data types, such as string, numeric, binary, etc.
- Get method is easy to cacheable. But in post method caching is hard.

=====End=====

10.sql vs nosql মধ্যে পার্থক্য কি? কোনটা বেশি ব্যবহার হয়

The differences between SQL and noSQL are given below:

- SQL is a RELATIONAL DATABASE MANAGEMENT SYSTEM. But no SQL is a distributed database system.
- SQL databases have fixed or static or predefined schema. On the other hand NOSQL database have dynamic schema
- SQL database are good for complex query. But noSQL database are not good for complex query.

=====End=====

11.Database design, database schema design বলতে কি বুজো?

Ans:

Database design is the Charting System of data organizing to a database model. Here The DB designer determines what data must be stored and how the data elements interrelate. With this information, they can begin to fit the data to the database model.[1] Database management system manages the data accordingly.

=====End=====

12.NodeJs ব্লকিং না নন-ব্লকিং কাজ করে

Ans:

NodeJs works based on Non-Blocking systems.

=====End=====