1. What is a JavaScript Framework and explain about Vue.js as one of the JavaScript Framework!

JavaScript is a programming language that is widely used for the making of interactive web applications. It is different with CSS and HTML where these two programming language is focus on the appearance of the web, while JavaScript is focused on how to make a function in web development. Vue.js is one example of JavaScript framework that is used to make a user interface.

2. What is the use of ellipsis?

Ellipsis or three dots (...) in JavaScript can be used for spread syntax and rest parameters. Spread syntax can spread the elements of an array or an object into another array or object. While rest parameters is to gather multiple function arguments into a single array or object parameter.

3. Explain animation properties below:

a. @keyframe

It defines a set of keyframes for an animation sequence that are used to specify the styles that an element should have at certain points in time during the animation.

b. animation-name

This property is used to set the name of the keyframes to be used for the animation. It links an element to a set of keyframes defined using @keyframes.

c. animation-duration

This property is used to set the duration of the animation. It determines how long the animation will take to complete one cycle.

d. animation-iteration

This property is used to set how many times an animation should run. It can be set to a number or use values like infinite to make the animation looping.

e. animation-direction

This property is used to set the direction of the animation after each cycle. It can have values like normal, reverse, alternate, and alternate-reverse.

4. Please explain how lazy load works in JavaScript!

Lazy load is a way that is used to defer the loading of resources like images until they are needed. This way can improve the web performance by reducing initial page load times. Lazy Load works by loading images only if the user has scrolled to the location where the image will be visible in the viewport, Otherwise, the images will never be loaded.

5. Mention at least 5 git commands and describe each function of them!

- git init : to make a new repository in the current directory.
- git clone <repository_url> : to clone or copy a repository to our local.
- git add --all: to add or stages all of the changes in the current directory.
- git commit -m "message" : to add staged changes with a message.
- git status : to show the current status of our repository.