summary of what JS can and can't do in the browser

1- Whet is Js

JavaScript is a dynamic computer programming language
it is the common way to deploy scalable website on the web

JavaScript is a lightweight, interpreted programming language.

 Designed for creating network-centric applications.

Complementary to and integrated with Java.

Complementary to and integrated with HTML.

Open and cross-platform

advantage of js

Less server interaction− You can validate user input before sending the page off to the server. This saves server traffic, which means less load on your server.

Immediate feedback to the visitors− They don't have to wait for a page reload to see if they have forgotten to enter something.

Increased interactivity− You can create interfaces that react when the user hovers over them with a mouse or activates them via the keyboard.

Richer interfaces− You can use JavaScript to include such items as drag-and-drop components and sliders to give a Rich Interface to your site visitors.

2- Whet cant do Limitations of Js

We cannot treat JavaScript as a full-fledged programming language. It lacks the following important features −

Client-side JavaScript does not allow the reading or writing of files. This has been kept for security reason.

JavaScript cannot be used for networking applications because there is no such support available.

JavaScript doesn't have any multi-threading or multiprocessor capabilities.

3- Whet can do with js

1- show or hide information with click of a button

2- Change the color of a button when the mouse hovers over it

3-Slide through a carousel of images on the homepage

4-Zooming in or zooming out on an image

5-Displaying a timer or count-down on a website

6-Playing audio and video in a web page

7-Displaying animations

8-Creating web and mobile apps

9-Building web servers and developing server application

10-game development

4- Whey should we use js

•JavaScript is the only programming language native to the web browser

•JavaScript is the most popular language

•There's a low threshold to get started

•it fun in language to learn ☺