**Assignment For Day 1☺ ( Raja kumar )**

**Question 1: Explain the use of JavaScript ( or What you can do using a JavaScript)**

**Answer:-** *The use of JavaScript is make a some event on frontend/backend/mobile/ desktop/AI/ML/ development etc… Doing manipulation or calculation on server side [Backend: Where all dynamic part of website/application are handled ]..*

*I am use JavaScript for Buildings Frontend with react.js (library) , Node.js ( runtime environments for JavaScript code , It’s use V8 engine[runtime engine written in C/C++] ), Express.js (Framework)).*

***--------------------------------------------------------------------------------------------------------------------------***

**Question 2: What is the difference between client-side and server-side?**

***Answer:- Client-side\_\_*** *It’s used by user/viewer/client/consumers…*

***Server-side\_\_*** *Server is just a machine, that’s present at remote location and it’s* ***ON*** *24\*7 Their all data are present and it handled by DBA or Backend engineer . what aver things are present on client-side it’s managed by server-side .*

*--------------------------------------------------------------------------------------------------------*

***Question 3: What is Node.js?***

***Answer:-*** *Node.js is a runtime environment to give the* ***POWER*** *to JavaScript to communicate with* ***OS.***

*It is use* ***V8 engine( it’s written in C/C****++).. Without node.js we can’t do any type of File handling task. Because Javascript only used on client-side . Node.js give the power to javascript . that’s whay it is user on server-side .*

*---------------------------------------------------------------------------------------------------------*

***Question 4: What is scope in JavaScript?***

***Answer:-***  *Scope is kind of boundary to* ***restricted*** *the* ***variable*** *whether it use or not. By default scope of variable is* ***Global …***  *We can also make it locally …*

***Question 5: JavaScript asynchronous or synchronous?***

***Answer:- javascript synchronous is just line by line code execution ..***