**Node**

**Ans(1):-**

🡪Node.js is a powerful runtime environment that allows JavaScript to run on the server side.

🡪It changed how developers build fast and scalable network applications.

🡪Node.js was built to overcome the limitations of traditional web servers like Apache.

🡪Over time, it gained strong community support and a huge library system called **npm (Node Package Manager).**

**Ans(2):-**

🡪Nodejs is Execution mode is single thread and non-blocking.

🡪While java and php both are execution mode is multi thread and blocking.

🡪Nodejs is very fast run because it can follow non-blocking execution mode.

🡪PHP is very slow because it can follow blocking execution.

🡪Java is Fast, but heavier than Node.js.

**Node.js Environment Setup:-**

**Ans(1):-**

🡪npm init – Creates a package.json file for your project.

🡪npm install :Installs a package locally.

🡪npm install : Installs all dependencies listed in package.json.

🡪npm uninstall: Removes a package.

🡪npm update : Updates all installed packages.

🡪npm list : Shows installed packages.

🡪npm start – Runs the start script defined in package.json.

🡪npm run <script> – Runs a custom script .