**JavaScript**

1. Programming language of web.
2. It changes the behavior of web page.
3. #1 for WEB in worldwide.
4. Latest version/model – ECMA Script

Front-End framework or library of JS:

* React JS
* Angular JS
* Vue JS
* Svelte JS

Back-End Framework or Library of JS:

* Node JS
* Express JS
* Nest JS
* Deno JS

Mobile-App framework or library of JS:

* Reactive Native (IOS and Android)

Regex:

Regular Expression

/ Regular expression always write between these two symbols/

^(cap) -> It checks from the beginning.

$ -> It checks from the end.

[a-z] -> It matches all the lowercase alphabets.

[A-Z]-> it matches all the uppercase alphabets.

[a-zA-Z] or [A-Za-z] -> It matches all the alphabets.

[0-9] -> It matches the numeric digits.

[a-zA-Z0-9] -> It matches alphanumeric characters.

{min, max}-> minimum length, maximum length. (.length ko sattama, eauta matrai diyemaa min hunxa)

Eg:{min}: {3}

?= -> It doesn’t matter the position of any characters if present. (password)

. -> It matches a single character.

\* -> It matches one or more preceding characters.

For special characters use \ (backslash)

Eg: \@ , \#, \!, \S(Space), \d(digits), \Alphabets.

() compulsory.

Final Demo: for first name

/^([a-zA-Z])+$/

To install react using create react app:

* npx create-react-app app-name
* eg: npx create-react-app demo-app

Using vite:

* npm create vite@latest app-name --template react