JavaScript

Web application architecture

Client(browser:html, css,js)->server(prg that runs on the same computer or diff one):js,java,python,php,.net)-> it saves the database:relational database-oracle, myswl,postgresql,nosql-mongodb,graphql.

In Chrome-V8- the most used

SpiderMonkey- Firefox

Chakra-IE

How engine JavaScript Code works: ->Parser->Abstract Syntax Tree(AST)->Interpreter->Compiler

Webpage manipulation: and a new html page, change the existing content, react to user actions, run on mouse clicks, pointer movements, key presses,get and set cookies ask questions to the visitor, show messages, remember the data on the client-side.

DOM- document object model

Reserved words: let, class, return and function cannot be used as variable names because they are used by the language itself.

Constants should be named in uppercase: cost COLOR\_ORANGE

NaN- not a number. You can divide a string to a number.

alert(“External JavaScript”)

//create a loop and display the even numbers till 100//

Calculator

Enter First Number

Enter Second Number

ADD button Result:

<https://nodejs.org/en/download/prebuilt-installer>

*Guess the lucky number:*

Text number: *enter a number between 1-10*

Button: *guess*

*Congrats you guessed it right in <n> attempts.*

*Try Again!! Better luck next time*

<https://m.youtube.com/watch?v=DHjqpvDnNGE>

<https://github.com/> Flori-24

Java

Name, username, emailk: string, data of birth

Mobile number: string or number- string to be converted to a number in js

Gender: string

Address: string

City: string

Pin code: string

State: string

Hobbies: I can have multiples values selected.

Qualification section can be selected as objects.

In every form to store the data we need more data type: not only string, Boolean and number; we need arrays, objects.

Push array 2: additional fields: total

Ass 2 js

Sales and total

Jquery- $. – replace all document.get element with $, value with val.

WEB APPLiCATION

Read, edit, delete are icons from a library

<https://github.com/mahen035/development_bootcamp.git>

<https://cdnjs.com/libraries/font-awesome>

foawesome.com