NOTES:

    Dom(Document Object Model):

                  It is a tree for html page.

    Accessing DOM Elements:

    1)document.getElementById(Id)

    2)document.getElementByClassName(Class)

    3)document.getElementByTagName(Tag)

    4)document.querySelector(css selector)

    5)document.querySelectorAll(css selector)

const student={

   name:"vaishu",

    roll\_num:12,

    gender:"female",

    marks:100

}

for(let k in student){

}

let colors=["red", "blue","green"];

console.log(colors.length);

let vignan = function(){

    console.log("hello");

};

vignan();

let hello = () => {

    console.log("greetings");

};

hello();

function sum(a, b){

    return a + b;

}

const add = (a, b) => a + b;

let result = add(1, 20);

console.log(result);

function hello(a){

    a();

}

function greet(){

    console.log("greet");

}

hello(greet);

const data = (back) => {

    back();

};

data(() => {

    alert("backing up");

});

for(let key in console){

    console.log(`${key} : ${console.log[key]}`);

}

let name = "brad";

document.addEventListener("DOMContentLoaded", function(){

    var readDocs = document.querySelector(".read-instructions");

    readDocs.computedStyleMap.display = "block";

});

let arr1 = [1, 2, 3, 4];

function sum(a, b, c, d){

    return a + b + c + d;

}

console.log(sum(arr1));

let arr2 = [...arr1, 5, 6];

console.log(arr2);

const data = {

    series: 7,

    color: "red"

};

const product = {

    name: 'watch',

    type: 'electronic'

};

console.log(product);

let {name, type, brand} = product;

console.log(type);

console.log(brand);

console.log(name);

let person = ["brad", 24, true, "vignan"];

let ele = document.getElementById("head");

ele.setAttribute("id", "heading")

ele.setAttribute("class","new\_class")

 ele.removeAttribute("id")

let value = ele.getAttribute("id");

ele.innerHTML=value;

ele.classList.add("class1");

ele.classList.remove("new\_class");

ele.classList.toggle("dark")

let element=document.createElement("h3");

let parent=document.getElementById("root");

let refrence=document.getElementById("ref");

parent.insertBefore(element,refrence)

function change()

{

    document.body.style.backgroundColor="red";

}

let button=document.getElementById("Button");