IMC

<label for="inputPeso"> Peso (kg): </label>

<input id="inputPeso" type="text" placeholder="60">

<label for="inputAltura"> Altura (m): </label>

<input id="inputAltura" type="text" placeholder="1,80">

<div id="resultado"></div>

<button id="botaoCalcular" onclick="calcular()">

Calcular IMC

</button>

\* {

color: #121212;

}

html {

height: 100%;

width: 100%;

display: flex;

justify-content: center;

align-items: center;

background: #dbe5bb;

}

body {

width: 280px;

height: 620px;

padding: 50px 1em;

box-sizing: border-box;

overflow: hidden;

position: relative;

font-family: Helvetica, Arial, sans-serif;

color: #454545;

border-radius: 40px;

border: 10px solid currentColor;

background-image:

linear-gradient(

currentColor 50px,

transparent 50px,

transparent calc(100% - 50px),

currentColor calc(100% - 50px),

currentColor

),

linear-gradient(

90deg,

rgba(0,0,0,.2) 2px,

transparent 5px,

transparent calc(100% - 5px),

rgba(0,0,0,.2) calc(100% - 2px)

),

linear-gradient(

to bottom,

transparent,

transparent calc(100% - 55px),

rgba(0,0,0,.2) calc(100% - 52px),

rgba(0,0,0,.2) calc(100% - 52px)

),

url('https://images.pexels.com/photos/867349/pexels-photo-867349.jpeg?auto=compress&cs=tinysrgb&dpr=2&h=650&w=940');

background-size:

100% 100%,

100% 100%,

100% 100%,

cover;

background-position:

0 0,

0 0,

0 0,

cover;

background-repeat: no-repeat;

}

input {

border: none;

border-bottom: 2px solid #cacaca;

display: block;

width: calc(100% + 2rem);

height: 2.5em;

line-height: 2.5em;

position: relative;

left: -1rem;

z-index: 1;

padding-left: 5.2em;

font-size: 15px;

font-weight: lighter;

box-sizing: border-box;

}

input:last-of-type {

border-bottom: none;

box-shadow: 0 2px 5px 0 rgba(0,0,0,.2);

margin-bottom: 1em;

}

label {

display: block;

height: 0;

position: relative;

z-index: 999;

font-size: .6em;

text-transform: uppercase;

line-height: calc(2.5em / .6);

}

button {

width: 100%;

padding: 1.5em 0;

position: absolute;

bottom: 50px;

left: 0;

cursor: pointer;

font-size: 1em;

font-weight: bold;

text-transform: uppercase;

border: none;

transition: .2s ease;

color: #fff;

background-color: #3a560d;

box-shadow: 0 -2px 10px 2px rgba(0,0,0,.25);

}

button:hover {

/\* background-image: linear-gradient(

rgba(255,255,255,.25),

rgba(255,255,255,.25)

) \*/

background-color: #446b00;

}

button:active {

background-color: #4d720e;

font-size: .98em;

transition: .1s easeout;

}

p {

background: #FFF;

padding: 1em 2em;

height: 60px;

display: flex;

justify-content: center;

align-items: center;

box-shadow: 0 0 12px 2px rgba(0,0,0,.25);

border-radius: 20px

}

function formataAltura(altura){

return altura.replace(",", ".")

}

function formataIMC(imc){

return imc.replace(".", ",")

}

function calcular(){

peso = inputPeso.value

altura = inputAltura.value

if (peso == "" || altura == ""){

resultado.innerHTML = "<p>Por favor, preencha os dados corretamente.</p>"

} else {

imc = (peso / (formataAltura(altura) \*\* 2)).toFixed(2)

if (imc < 17){

msg = "muito abaixo do peso";

} else if (imc >= 17 && imc <= 18.49){

msg = "abaixo do peso";

} else if (imc >= 18.5 && imc <= 24.99){

msg = "com peso normal";

} else if (imc >= 25 && imc <= 29.99){

msg = "acima do peso";

} else if (imc >= 30 && imc <= 34.99){

msg = "com obesidade nível I";

} else {

msg = "com obesidade nível II";

}

resultado.innerHTML = `<p>

Seu IMC é ${formataIMC(imc)} e você está ${msg}.</p>`

}

}

Aplicativo de transporte

<label for="inputDistancia"> Distância (km): </label>

<input id="inputDistancia" type="text">

<label for="inputTempo"> Tempo (min): </label>

<input id="inputTempo" type="text">

<button id="botaoCalcular" onclick="calcular()">

Calcular

</button>

\* {

color: #121212;

}

html {

height: 100%;

width: 100%;

display: flex;

justify-content: center;

align-items: center;

background: rgba(10,0,200,.25);

}

body {

width: 280px;

height: 620px;

padding: 50px 1em;

box-sizing: border-box;

overflow: hidden;

position: relative;

font-family: Helvetica, Arial, sans-serif;

color: #454545;

border-radius: 40px;

border: 10px solid currentColor;

background-image:

linear-gradient(

currentColor 50px,

transparent 50px,

transparent calc(100% - 50px),

currentColor calc(100% - 50px),

currentColor

),

linear-gradient(

90deg,

rgba(0,0,0,.2) 2px,

transparent 5px,

transparent calc(100% - 5px),

rgba(0,0,0,.2) calc(100% - 2px)

),

linear-gradient(

to bottom,

transparent,

transparent calc(100% - 55px),

rgba(0,0,0,.2) calc(100% - 52px),

rgba(0,0,0,.2) calc(100% - 52px)

),

url('https://miro.medium.com/max/4064/1\*qYUvh-EtES8dtgKiBRiLsA.png');

background-size:

100% 100%,

100% 100%,

100% 100%,

cover;

background-position:

0 0,

0 0,

0 0,

cover;

background-repeat: no-repeat;

}

input {

border: none;

border-bottom: 2px solid #cacaca;

display: block;

width: calc(100% + 2rem);

height: 2.5em;

line-height: 2.5em;

position: relative;

left: -1rem;

z-index: 1;

padding-left: 6.5em;

/\* Aqui é o espaçamento para começar a digitar no input :) \*/

font-size: 15px;

font-weight: lighter;

box-sizing: border-box;

}

input#inputTempo{

padding-left: 5.6em;

}

input:last-of-type {

border-bottom: none;

box-shadow: 0 2px 5px 0 rgba(0,0,0,.2);

margin-bottom: 1em;

}

label {

display: block;

height: 0;

position: relative;

z-index: 999;

font-size: .6em;

text-transform: uppercase;

line-height: calc(2.5em / .6);

}

button {

width: 100%;

padding: 1.5em 0;

position: absolute;

bottom: 50px;

left: 0;

cursor: pointer;

font-size: 1em;

font-weight: bold;

text-transform: uppercase;

border: none;

transition: .2s ease;

color: #fff;

background-color: #0059EB;

box-shadow: 0 -2px 10px 2px rgba(0,0,0,.25);

}

button:hover {

/\* background-image: linear-gradient(

rgba(255,255,255,.25),

rgba(255,255,255,.25)

) \*/

background-color: #4082f0;

}

button:active {

background-color: #3072e0;

font-size: .98em;

transition: .1s easeout;

}

p {

background: #FFF;

padding: 1em 2em;

height: 275px;

display: flex;

justify-content: center;

align-items: center;

box-shadow: 0 0 12px 2px rgba(0,0,0,.25);

}

function formataMoeda(valor){

return valor.toFixed(2).replace(".", ",")

}

function calcular(){

distancia = inputDistancia.value.replace(",", ".")

tempo = inputTempo.value

valorCorrida = 2 + (distancia \* 1.4) + (tempo \* 0.26)

botaoCalcular.innerHTML = "Total: R$" + formataMoeda(valorCorrida)

}

Aplicativo de gasolina

<label for="inputDistancia"> Distância (km): </label>

<input id="inputDistancia" type="text">

<div>

<label for="estacionamento">Estacionamento:

<input type="radio" id="sim" name="gender" value="sim"> Sim

<input type="radio" id="nao" name="gender" value="nao" checked> Não

</label>

</div>

<button id="botaoCalcular" onclick="calcular()">

Calcular

</button>

\* {

color: #121212;

}

html {

height: 100%;

width: 100%;

display: flex;

justify-content: center;

align-items: center;

background: rgba(10,0,200,.25);

}

body {

width: 280px;

height: 620px;

padding: 50px 1em;

box-sizing: border-box;

overflow: hidden;

position: relative;

font-family: Helvetica, Arial, sans-serif;

color: #454545;

border-radius: 40px;

border: 10px solid currentColor;

background-image:

linear-gradient(

currentColor 50px,

transparent 50px,

transparent calc(100% - 50px),

currentColor calc(100% - 50px),

currentColor

),

linear-gradient(

90deg,

rgba(0,0,0,.2) 2px,

transparent 5px,

transparent calc(100% - 5px),

rgba(0,0,0,.2) calc(100% - 2px)

),

linear-gradient(

to bottom,

transparent,

transparent calc(100% - 55px),

rgba(0,0,0,.2) calc(100% - 52px),

rgba(0,0,0,.2) calc(100% - 52px)

),

url('https://miro.medium.com/max/4064/1\*qYUvh-EtES8dtgKiBRiLsA.png');

background-size:

100% 100%,

100% 100%,

100% 100%,

cover;

background-position:

0 0,

0 0,

0 0,

cover;

background-repeat: no-repeat;

}

input[type=text]{

border: none;

border-bottom: 2px solid #cacaca;

display: block;

width: calc(100% + 2rem);

height: 2.5em;

line-height: 2.5em;

position: relative;

left: -1rem;

z-index: 1;

padding-left: 6.5em;

font-size: 15px;

font-weight: lighter;

box-sizing: border-box;

}

div{

background: #fff;

border: none;

display: block;

width: calc(100% + 2rem);

height: 2.5em;

line-height: 2.5em;

position: relative;

left: -1rem;

z-index: 1;

padding-left: 1em;

font-size: 15px;

font-weight: lighter;

box-sizing: border-box;

box-shadow: 0 2px 5px 0 rgba(0,0,0,.2);

}

input#inputTempo{

padding-left: 5.6em;

}

label {

display: block;

height: 0;

position: relative;

z-index: 999;

font-size: .6em;

text-transform: uppercase;

line-height: calc(2.5em / .6);

}

button {

width: 100%;

padding: 1.5em 0;

position: absolute;

bottom: 50px;

left: 0;

cursor: pointer;

font-size: 1em;

font-weight: bold;

text-transform: uppercase;

border: none;

transition: .2s ease;

color: #fff;

background-color: #0059EB;

box-shadow: 0 -2px 10px 2px rgba(0,0,0,.25);

}

button:hover {

/\* background-image: linear-gradient(

rgba(255,255,255,.25),

rgba(255,255,255,.25)

) \*/

background-color: #4082f0;

}

button:active {

background-color: #3072e0;

font-size: .98em;

transition: .1s easeout;

}

p {

background: #FFF;

padding: 1em 2em;

height: 275px;

display: flex;

justify-content: center;

align-items: center;

box-shadow: 0 0 12px 2px rgba(0,0,0,.25);

}

input[type=radio]{

vertical-align: -2.5px;

}

function formataMoeda(valor){

return valor.toFixed(2).replace(".", ",")

}

function parouNoEstacionamento(){

valorEstacionamento = 0

var checkBox = document.getElementById("sim")

if (checkBox.checked == true){

valorEstacionamento = 15

// supondo que o custo do período é de R$ 15

}

return valorEstacionamento

}

function calcular(){

valorTotal = 0

distancia = inputDistancia.value.replace(",", ".")

consumoDoCarro = 10

// supondo que o consumo médio do carro é de 10 km/L

valorCombustivel = 4.56

// supondo que o valor médio da gasolina é de R$ 4,56

litrosCombustivel = distancia / consumoDoCarro

gastoCombustivel = (litrosCombustivel \* valorCombustivel)

valorTotal = gastoCombustivel + parouNoEstacionamento()

botaoCalcular.innerHTML = `Total: R$${formataMoeda(valorTotal)}`

}

Ficha Médica

<h1 id="h1"></h1>

<h2>Ficha Médica</h2>

<ul id= "lista">

<label for="inputNome"> Nome: </label>

<input id="inputNome" type="text" placeholder="Joana Lima"><br>

<label for="inputNasc"> Nascimento: </label>

<input id="inputNasc" type="text" placeholder=05/04/1968

onkeyup="

var v = this.value;

if (v.match(/^\d{2}$/) !== null) {

this.value = v + '/';

} else if (v.match(/^\d{2}\/\d{2}$/) !== null) {

this.value = v + '/';

}"

maxlength="10"><br>

<label for="inputIdade"> Idade: </label>

<input id="inputIdade" type="text" placeholder=52 maxlength="3"><br>

Tem condição pré-existente? <br>

<input type="radio" id="sim" name="gender" value="sim">

<label for="sim">Sim</label>

<input type="radio" id="nao" name="gender" value="nao" checked>

<label for="nao">Não</label><br>

<button id="botaoGerar" onclick="gerar()">

Gerar

</button>

</ul>

\* {

font-family: monospace;

}

html {

display: flex;

height: 100%;

justify-content: center;

align-items: center;

background-color: rgb(91, 194, 212);

}

body {

width: 21.88em;

max-width: 90%;

max-height: 90%;

font-size: 1.25em;

padding: 1em;

border: 1px solid lightgrey;

box-shadow: 2px 5px 0px rgba(0,0,0,.25);

background: white;

line-height: 1.50em;

}

h2 {

text-decoration: underline;

text-transform: uppercase;

}

ul {

list-style: square;

}

img {

width: 48px;

min-height: 48px;

border: 2px solid white;

vertical-align: middle;

background-color: lightgrey;

}

p {

display: inline-block;

width: 200px;

padding: 5px;

}

button{

border: none;

padding: 1em;

margin-top: 1em;

font-size: .75em;

text-transform: uppercase;

border: 2px solid rgba(0, 0, 0, .15);

background-color: #27bdc1;

color: white;

}

input[type=text]{

width: 100px;

}

function gerar(){

nome = inputNome.value

h1.innerHTML = nome

nasc = inputNasc.value

idade = inputIdade.value + " anos"

batidas = ((75 \* 60) \* 24 ) \* (365 \* inputIdade.value)

estadoDeSaude = "Não <li>Não precisa de acompanhamento médico.</li>"

if (inputNome.value == "" || inputNasc.value == "" || inputIdade.value == ""){

alert("Por favor, preencha todos os campos!")

}else{

var checkBox = document.getElementById("sim");

if (checkBox.checked == true){

estadoDeSaude = "Sim <li>Precisa de acompanhamento médico.</li>"

}

lista.innerHTML =

`<li>Data de nascimento: ${nasc}</li>

<li>Idade: ${idade}</li>

<li>Seu coração já bateu aproximadamente ${batidas} vezes.</li>

<li>Tem condição pré-existente: ${estadoDeSaude}</li>`

}

}

Aploicativo de Loteria

<p id="paragrafoResultado">

Clique no botão para participar do sorteio de uma corrida grátis!

</p>

<button id="botaoSorteio" onclick="executarSorteio()">

Corrida de graça

</button>

\* {

color: #121212;

}

html {

height: 100%;

width: 100%;

display: flex;

justify-content: center;

align-items: center;

background: rgba(10,0,200,.25);

}

body {

width: 280px;

height: 620px;

padding: 50px 1em;

box-sizing: border-box;

overflow: hidden;

position: relative;

font-family: Helvetica, Arial, sans-serif;

color: #454545;

border-radius: 40px;

border: 10px solid currentColor;

background-image:

linear-gradient(

currentColor 50px,

transparent 50px,

transparent calc(100% - 50px),

currentColor calc(100% - 50px),

currentColor

),

linear-gradient(

90deg,

rgba(0,0,0,.2) 2px,

transparent 5px,

transparent calc(100% - 5px),

rgba(0,0,0,.2) calc(100% - 2px)

),

linear-gradient(

to bottom,

transparent,

transparent calc(100% - 55px),

rgba(0,0,0,.2) calc(100% - 52px),

rgba(0,0,0,.2) calc(100% - 52px)

),

url('https://miro.medium.com/max/4064/1\*qYUvh-EtES8dtgKiBRiLsA.png');

background-size:

100% 100%,

100% 100%,

100% 100%,

cover;

background-position:

0 0,

0 0,

0 0,

cover;

background-repeat: no-repeat;

}

input {

border: none;

border-bottom: 2px solid #cacaca;

display: block;

width: 1.5em;

height: 1.5em;

line-height: 2.5em;

position: inline;

left: -1rem;

z-index: 1;

font-size: 15px;

font-weight: lighter;

box-sizing: border-box;

}

input:last-of-type {

border-bottom: none;

box-shadow: 0 2px 5px 0 rgba(0,0,0,.2);

margin-bottom: -4em;

position: relative;

top: -20px;

left: 151px;

}

button {

width: 100%;

padding: 1.5em 0;

position: absolute;

bottom: 50px;

left: 0;

cursor: pointer;

font-size: 1em;

font-weight: bold;

text-transform: uppercase;

border: none;

transition: .2s ease;

color: #fff;

background-color: #0059EB;

box-shadow: 0 -2px 10px 2px rgba(0,0,0,.25);

}

button:hover {

/\* background-image: linear-gradient(

rgba(255,255,255,.25),

rgba(255,255,255,.25)

) \*/

background-color: #4082f0;

}

button:active {

background-color: #3072e0;

font-size: .98em;

transition: .1s easeout;

}

p {

background: #FFF;

padding: 1em 1.2em;

height: 60px;

justify-content: center;

align-items: left;

text-align: justify;

box-shadow: 0 0 12px 2px rgba(0,0,0,.25);

border-radius: 15px;

margin-top: 74px;

font-size: 15px;

}

function executarSorteio(){

aleatorio = Math.floor(Math.random()\*10)

console.log(aleatorio)

numeroDoUsuario = prompt(`Digite um número entre 0 e 10.

Seu número da sorte:`)

if (numeroDoUsuario >= 0 && numeroDoUsuario <= 10){

if (numeroDoUsuario == aleatorio){

paragrafoResultado.innerHTML = "Você ganhou o sorteio! &#127808;"

}else{

paragrafoResultado.innerHTML = "Tente outra vez! &#129310;"

}

}else{

alert("Número inválido!")

executarSorteio()

}

}

Botão LiKe Facebook

<button id="botao" onclick="adicionarLike()">0 Like</button>

html {

background-color: #385596;

}

body {

min-height: 100vh;

display: flex;

align-items: center;

justify-content: center;

}

button {

background-image: url(https://upload.wikimedia.org/wikipedia/commons/d/df/Facebook\_logo\_thumbs\_up\_like\_transparent\_SVG.svg);

background-color: #e7e9f1;

color: #385596;

background-size: 50px;

background-position: 20px 25%;

background-repeat: no-repeat;

width: 190px;

height: 59px;

font-size: 20px;

border: 1px solid #a8b4c9;

text-align: center;

text-indent: 32px;

border-radius: 40px;

}

quantidadeDeLikes = 0

function adicionarLike(){

quantidadeDeLikes = quantidadeDeLikes + 1

if (quantidadeDeLikes <= 1){

like = " Like"

}else{

like = " Likes"

}

botao.innerHTML = quantidadeDeLikes + like

}

Gerador de certificado

<h1> Gerador de Certificado </h1>

<strong> #quarentenaDev </strong>

<label for="inputNome"> Nome: </label>

<input id="inputNome" placeholder="Josnel Ovaldo">

<button id="botaoGerar" onclick="gerar()">

Gerar certificado

</button>

<script src="https://caelum.github.io/quarentenadev/libCertificado.js"></script>

\* {

font-family: monospace;

max-width: 100%;

box-sizing: border-box;

margin: 0;

padding: 0;

}

h1:after {

content: "" !important;

}

html {

display: flex;

padding: 1em;

height: 100%;

justify-content: center;

align-items: center;

overflow: auto;

background-color: rgb(91, 194, 212);

}

body {

width: 25em;

max-width: 90%;

font-size: 1.5em;

padding: 1em;

border: 1px solid lightgrey;

box-shadow: 2px 5px 0px rgba(0,0,0,.25);

background: white;

}

html:not(.paginaCertificado) h1 {

margin-top:1em;

margin-bottom:0;

}

html:not(.paginaCertificado) strong {

display: inline-block;

padding: 0.3125em 0.125em;

font-family: Helvetica, sans-serif;

font-weight: bold;

font-size: .52em;

margin-bottom: 2em;

text-transform: uppercase;

letter-spacing: .22em;

color: #fff;

background: #fda53d;

}

html:not(.paginaCertificado) label {

position: absolute;

display: block;

font-size: 1em;

line-height: 2em;

}

html:not(.paginaCertificado) input {

display: block;

padding: .5em 1em .5em 4em;

font-size: 1em;

font-weight: lighter;

font-family: inherit;

border: none;

border-bottom: 1px solid rgba(0,0,0,.25);

transition: all .2s ease, background-size .45s ease-out;

background: linear-gradient(

rgba(0,0,0,.25),

rgba(0,0,0,.25)

) no-repeat 0% 100% / 0 0;

}

html:not(.paginaCertificado) input:focus {

outline: none;

background: linear-gradient(

rgba(0,0,0,.25),

rgba(0,0,0,.25)

) no-repeat 0% 100% / 100% 1px;

}

html:not(.paginaCertificado) button {

border: none;

padding: 1em;

margin-top: 3em;

font-size: .75em;

text-transform: uppercase;

border: 2px solid rgba(0, 0, 0, .15);

background-color: #27bdc1;

color: white;

}

html:not(.paginaCertificado) button:not(:disabled) {

cursor: pointer;

}

html:not(.paginaCertificado) button:hover:not(:disabled) {

background-image: linear-gradient(

rgba(255,255,255,0.25),

rgba(255,255,255,0.25)

);

}

html:not(.paginaCertificado) button:active:not(:disabled) {

background-image: linear-gradient(

rgba(0,0,0,0.15),

rgba(0,0,0,0.15)

);

transform: scale(0.98)

}

html:not(.paginaCertificado) button:disabled {

background-color: #cacaca;

}

html.paginaCertificado {

background: whitesmoke;

}

html.paginaCertificado body {

padding: 0;

padding-bottom: 2.35em;

max-height: 100%;

width: 25.7em;

height: 20.7em;

font-size: 3.5vmin;

border: none;

}

@media print {

@page {

size: landscape;

margin: 0;

size: A4 landscape;

}

html.paginaCertificado {

background: none;

}

html.paginaCertificado body {

max-width: 2048px;

max-height: 1515px;

font-size: 3.5vw;

}

}

function gerar(){

inputNome.value = "Josnel Ovaldo"

contador = 1000000

while (contador > 0){

contador = contador - 1

certificadoHTML = emitirCertificado(inputNome.value)

}

listaLinks = [

"https://codepen.io/laly\_x/pen/JjdQZyR",

"https://codepen.io/laly\_x/pen/mdJZyqO",

"https://codepen.io/laly\_x/pen/GRJbJdB",

"https://codepen.io/laly\_x/pen/VwLJBrV",

"https://codepen.io/laly\_x/pen/LYpNbVy",

"https://codepen.io/laly\_x/pen/VwvaKxm",

"https://codepen.io/laly\_x/pen/JjYoaWy",

"https://codepen.io/laly\_x/pen/ZEGdodP",

"https://codepen.io/laly\_x/pen/GRpgpmO",

"https://codepen.io/laly\_x/pen/GRpjMmM",

"https://codepen.io/laly\_x/pen/jObEMME",

"https://codepen.io/laly\_x/pen/xxwGKZz",

"https://codepen.io/laly\_x/pen/dyYPQwW"

]

listaTitulos = [

"Lista de Exercícios",

"Currículo",

"Pokébola",

"Bandeira do Japão",

"Cálculo de Circunferência",

"Aplicativo de IMC",

"Aplicativo de Transporte",

"Aplicativo de Gasolina",

"Ficha Médica",

"Aplicativo de Loteria",

"Botão de Like do Facebook",

"To-Do",

"Gerador de Certificado"

]

listaOrdenada = ""

for (i = 0; i < listaLinks.length; i++){

link = listaLinks[i]

titulo = listaTitulos[i]

listaOrdenada = listaOrdenada +

`<li>${titulo}: <br><a href = ${link} target="\_blank">${link.replace("https://" , "")}</a></li>`

}

document.body.innerHTML = `${certificadoHTML}

<ol>

${listaOrdenada}

</ol>`

}

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