Nome: Caio Tsuyoshi Hayashi   RGM: 32784601

Nome: Davi Lopes Garcia dos Passos   RGM: 32593520

Análise e Desenvolvimento de Sistemas - 2ºB

Programação Web - 2º Semestre/2023 - Prof. Paulo Vilela

Exercício 2

HTML:

```html
<div id="res2"></div>
```

JS:

```js
document.getElementById("res2").innerHTML =
    "<p class='meunome'>Caio Tsuyoshi Hayashi</p>";
```

CSS:

```css
.meunome {
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 50pt;
    background-color: black;
    border-radius: 130px;
    width: 500px;
    color: white;
    text-align: center;
}
```

Exercício 3

HTML:

```html
<form id="double">
    <input type="text" placeholder="digite um número" />
    <button>calcular</button>
    <div class="res" id="res3"></div>
```

```
        </form>
```

JS:

```
document.getElementById("double").addEventListener("submit", (e) => {

    e.preventDefault();



    const value = e.target.children[0].value;

    const double = value * 2;



    document.getElementById("res3").innerText = double;
});
```

Exercício 4

HTML:

```
        <form id="sum">
            <input type="text" placeholder="digite um número" />
            <input type="text" placeholder="digite outro número" />
            <button>calcular</button>
            <div class="res" id="res4"></div>
        </form>
```

JS:

```
document.getElementById("sum").addEventListener("submit", (e) => {

    e.preventDefault();



    const num1 = parseFloat(e.target.children[0].value);

    const num2 = parseFloat(e.target.children[1].value);



    const sum = num1 + num2;
```

```
            document.getElementById("res4").innerText = sum;
});
```

Exercício 5

HTML:

```
        <form id="sqrt">
            <input type="text" placeholder="digite um número" />
            <button>calcular</button>
            <div class="res" id="res5"></div>
        </form>
```

JS:

```
document.getElementById("sqrt").addEventListener("submit", (e) => {
    e.preventDefault();


    const input = parseFloat(e.target.children[0].value);


    const sqrt = input ** 2;


    document.getElementById("res5").innerText = sqrt;
});
```

Exercício 6

HTML:

```
        <form id="avarage">
            <input type="text" placeholder="digite a 1ª nota" />
            <input type="text" placeholder="digite a 2ª nota" />
            <input type="text" placeholder="digite a 3ª nota" />
```

```html
            <button>calcular</button>
            <div class="res" id="res6"></div>
        </form>
```

JS:

```javascript
document.getElementById("avarage").addEventListener("submit", (e) => {
    e.preventDefault();


    const note1 = parseFloat(e.target.children[0].value);
    const note2 = parseFloat(e.target.children[1].value);
    const note3 = parseFloat(e.target.children[2].value);


    const avarage = (note1 + note2 + note3) / 3;


    document.getElementById("res6").innerText = avarage;
});
```

Exercício 7

HTML:

```html
        <form id="sumThree">
            <input type="text" placeholder="digite um número" />
            <input type="text" placeholder="digite outro número" />
            <input type="text" placeholder="digite outro número" />
            <button>calcular</button>
            <div class="res" id="res7"></div>
        </form>
```

JS:

```javascript
document.getElementById("sumThree").addEventListener("submit", (e) => {
```

```javascript
    e.preventDefault();


    const num1 = parseFloat(e.target.children[0].value);

    const num2 = parseFloat(e.target.children[1].value);

    const num3 = parseFloat(e.target.children[2].value);



    const sum = num1 + num2 + num3;



    document.getElementById("res7").innerText = sum;

});
```

Exercício 8

HTML:

```html
        <form id="triangle">

            <input type="text" placeholder="digite a base do triângulo" />

            <input type="text" placeholder="digite a altura do triângulo"
/>

            <button>calcular</button>

            <div class="res" id="res8"></div>

        </form>
```

JS:

```javascript
document.getElementById("triangle").addEventListener("submit", (e) => {

    e.preventDefault();



    const base = parseFloat(e.target.children[0].value);

    const height = parseFloat(e.target.children[1].value);
```

```
        const area = (base * height) / 2;


        document.getElementById("res8").innerText = area;
});
```

Exercício 9

HTML:

```html
        <form id="show">
            <input type="text" placeholder="digite seu nome" />
            <input type="text" placeholder="digite o ano de nascimento" />
            <input type="text" placeholder="digite o ano atual" />
            <button>mostrar</button>
            <div class="res" id="res9"></div>
        </form>
```

JS:

```js
document.getElementById("show").addEventListener("submit", (e) => {
    e.preventDefault();


    const name = e.target.children[0].value;
    const yearOfBirth = parseFloat(e.target.children[1].value);
    const currYear = parseFloat(e.target.children[2].value);


    const age = currYear - yearOfBirth;


    document.getElementById("res9").innerHTML = `
        <p>Nome: ${name}</p>
        <p>Idade: ${age}</p>
    `;
```

```
});
```

Exercício 10

HTML:

```html
<form id="ladder">
    <input type="text" placeholder="digite a altura do degrau" />
    <input type="text" placeholder="digite o total da escada" />
    <button>calcular</button>
    <div class="res" id="res10"></div>
</form>
```

JS:

```javascript
document.getElementById("ladder").addEventListener("submit", (e) => {
    e.preventDefault();

    const step = parseFloat(e.target.children[0].value);
    const totalLadder = parseFloat(e.target.children[1].value);

    const qtyStep = totalLadder/step;

    document.getElementById("res10").innerText = qtyStep
});
```