

task-3

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Lets start

Create a html document with these elements..

```
<h2>Update CSS Variables with JS</h2>
```

```
<div class="controls">
```

continue...

```
<label for="spacing">Spacing:</label>
```

```
  <input id="spacing" type="range"
```

```
name="spacing" min="10" max="200"
```

```
value="10" data-sizing="px"
```

```
/>
```

continue...

```
<label for="blur">Blur:</label>
```

```
<input id="blur" type="range" name="blur"
```

```
  min="0" max="25" value="10"
```

```
  data-sizing="px"
```

```
/>
```

continue...

```
<label for="base">Base Color</label>
```

```
  <input id="base" type="color" name="base"
```

```
value="#ffc600" />
```

```
</div>
```

continue...

```

```

Style the document

```
:root {
```

```
  --base: #ffc600;
```

```
  --spacing: 10px;
```

```
  --blur: 10px;
```

```
}
```

Continue...

```
img {  
    padding: var(--spacing);  
    background: var(--base);  
    filter: blur(var(--blur));  
}
```

```
.h2 {
```

```
    color: var(--base);
```

```
}
```


Continue...

```
body {  
    text-align: center;  
    background: #193549;  
    color: white;  
    font-family: "helvetica neue", sans-serif;  
    font-weight: 100;  
    font-size: 50px;  
}
```

Continue...

```
.controls {
```

```
margin-bottom: 50px;
```

```
}
```

```
input {
```

```
width: 100px;
```

```
}
```

Scripting..

```
const inputs =  
document.querySelectorAll (".controls input");
```

Scripting..

```
inputs.forEach (input =>
```

```
input.addEventListener ("change",
```

```
handleUpdate) ) ;
```

```
    inputs.forEach (input =>
```

```
        input.addEventListener ("mousemove",
```

```
handleUpdate)
```

```
    ) ;
```

Scripting..

```
function handleUpdate () {  
    const suffix = this.dataset.sizing ||  
    "";  
    document.documentElement.style.setProperty (  
        `--${this.name}`, this.value + suffix  
    );  
}
```