



**10 years!?**

**RenoJS**

**/dev/reno**

**DevOps**

**Startup Weekend**

**Space Apps & Microsoft Hackathon**

*"Programmers are  
herd animals"*

**-mpj**

**\$ Command Line**

**INTERMEDIATE**

**HTML**

`<div>`

**div containers**

...

**<div>**

Any HTML content you want to  
organize in a div container,  
including more divs.

**</div>**

...

**<span>**

**span containers**



...

**<div>**

Any **<span>HTML</span>** content  
you want to organize in a div  
container, including more divs.

**</div>**

...

**NAMING THINGS**

**ids**

# applied to a singular element

...

```
<div id="intro">
```

Some text

```
</div>
```

...

**classes**

# applied to many elements

...

```
<div class="product">
```

Product 1

```
</div>
```

```
<div class="product">
```

Product 2

```
</div>
```

...

**semantic web**

**self documenting**



**<http://CodePen.io>**

# BUILD TIME

Create a new HTML page and in the body add:

- a div with an id of “products”
- multiple divs inside of this “product” div
- give them each a class of “product”
- add a title and description using html elements to each product div

# INTRODUCTION TO CSS

**adding style!**

**inline css**

...

```
<div style="color: red">
```

Any HTML content you want to  
organize in a div container,  
including more divs.

```
</div>
```

...

<style>

**style tag**

...

**<style>**

**div {**

**color: red;**

**}**

**</style>**

...



**using .css files**

```
...  
<head>  
  <link rel="stylesheet"  
    href="css/mystyle.css"  
    media="screen" charset="utf-8">  
</head>  
...
```

# mystyle.css

```
html {  
    font-family: arial;  
}
```

```
body {  
    margin: 0px;  
    padding: 0px;  
}
```

**selectors**

# element selectors

`h2 { ... }`

`div { ... }`

`li { ... }`

`body { ... }`

`p { ... }`

`table { ... }`

# class selectors

```
.products { ... }
```

```
li.products { ... }
```

```
.products { ... }
```

# id selectors

```
#intro { ... }
```

```
div#intro { ... }
```

```
div #intro { ... }
```

# mix and match selectors

```
#intro ul.products li {  
    /* styles go here */  
}
```



**css properties**

**providing structure**

height :

50px ;

**width:**

**100px;**

**margin:**

**5px 5px 5px 5px;**

**display:**

**inline;**

**display:**

**block;**

**display:**

**none;**



**typography**

font-family:

helvetica, arial, sans-serif;

**font-size:**

**12px;**

**font-size:**

**12pt;**

**font-size:**

**1em;**

**font-size:**

**70%;**

**font-weight:**

**bold;**

font-weight:

normal;



**text-decoration:**

**underline;**

**text-decoration:**

**none;**

**color!**

**color:**

**black;**

color:

#000000;

color:

#000;

color:

rgb ( 0 , 0 , 0 ) ;

**background-color:**

**black;**



# putting it all together

```
div {  
    height: 50px;  
    width: 100px;  
    color: white;  
    font-size: 16px;  
    background-color: black;  
}
```

# SELECTOR EXERCISE

# **introducing the box model**

**height**

**width**

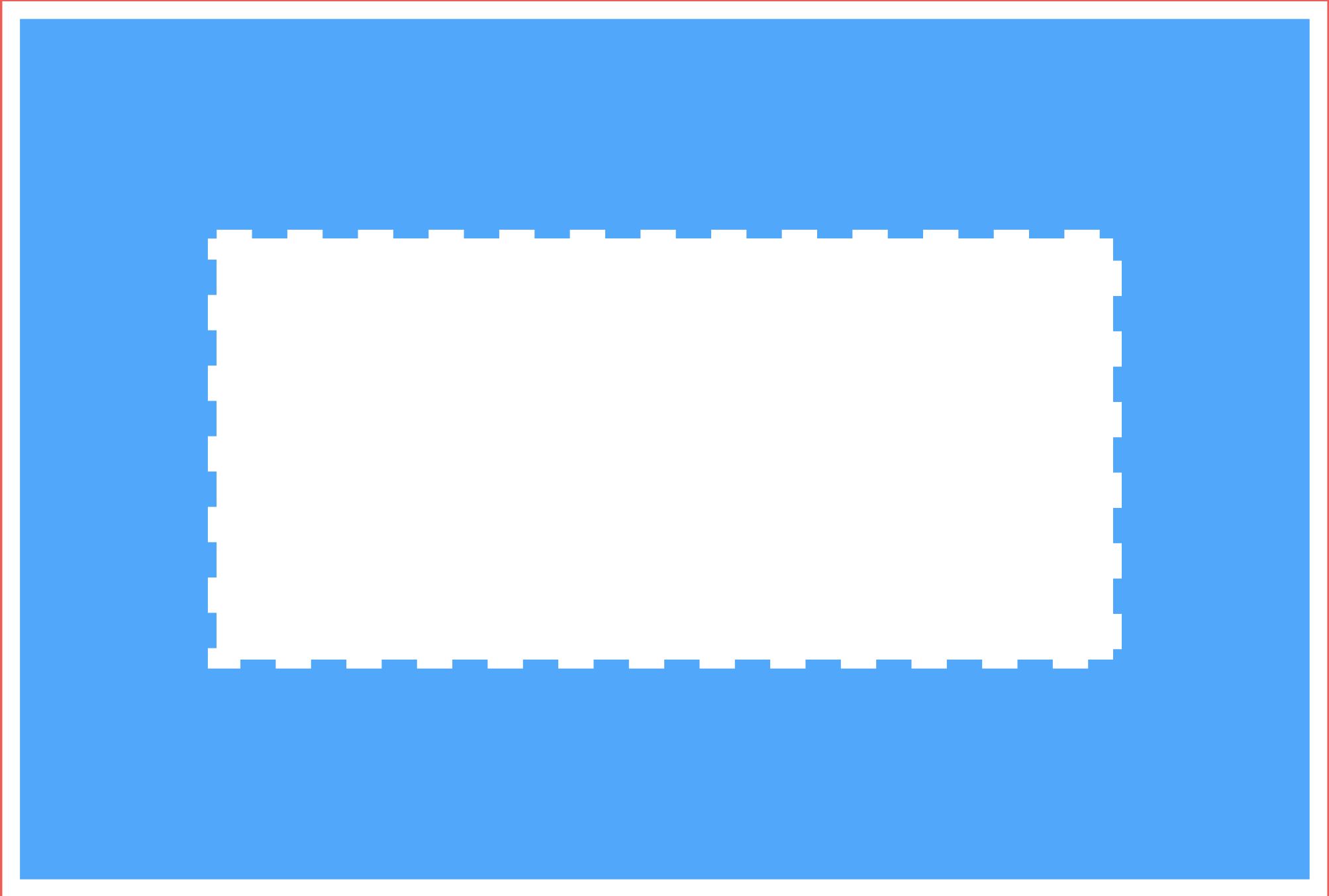


margin-top

margin-left

margin-right

margin-bottom

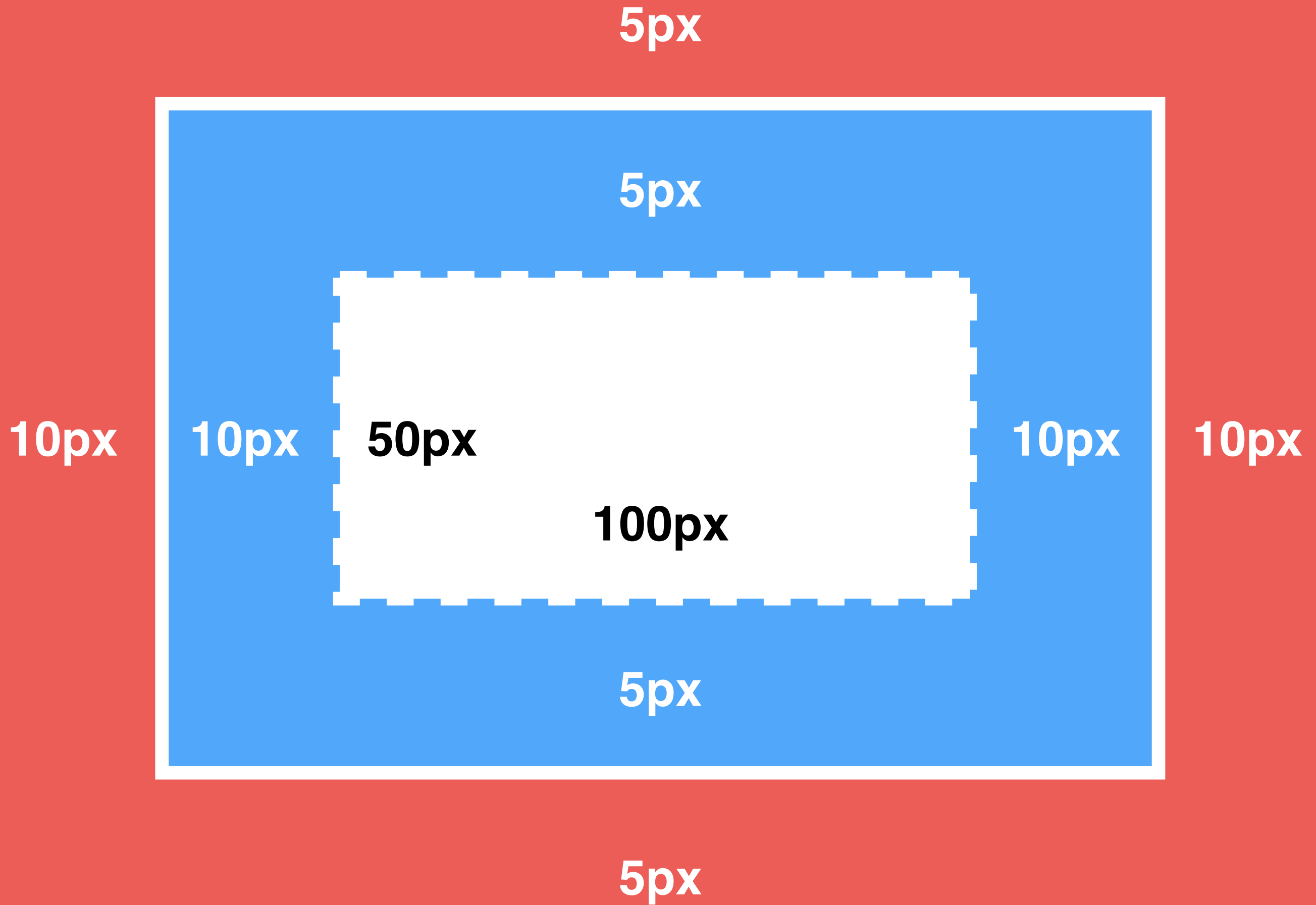


padding:

5px 5px 5px 5px;

# putting it together

```
div {  
    height: 50px;  
    width: 100px;  
    padding: 5px 10px 5px 10px;  
    margin: 5px 10px 5px 10px;  
}
```





**height of element**

**padding-top**

**padding-bottom**

**margin-top**

**margin-bottom**

**border-top**

**+ border-bottom**

---

**actual height**

**width of element**

**padding-left**

**padding-right**

**margin-left**

**margin-right**

**border-right**

**+ border-left**

---

**actual width**

# putting it together

```
div {  
    margin: top right bottom left;  
}
```

```
div {  
    margin: 5px 10px 5px 10px;  
}
```

# shorthand

```
div {  
    margin: 5px 10px;  
}
```

```
div {  
    margin: 5px;  
}
```

**floats**

```
div {  
    float: left;  
}
```

```
img {  
    float: right  
}
```

# FIX TEMPLATE EXERCISE

TIC TAC TOE

