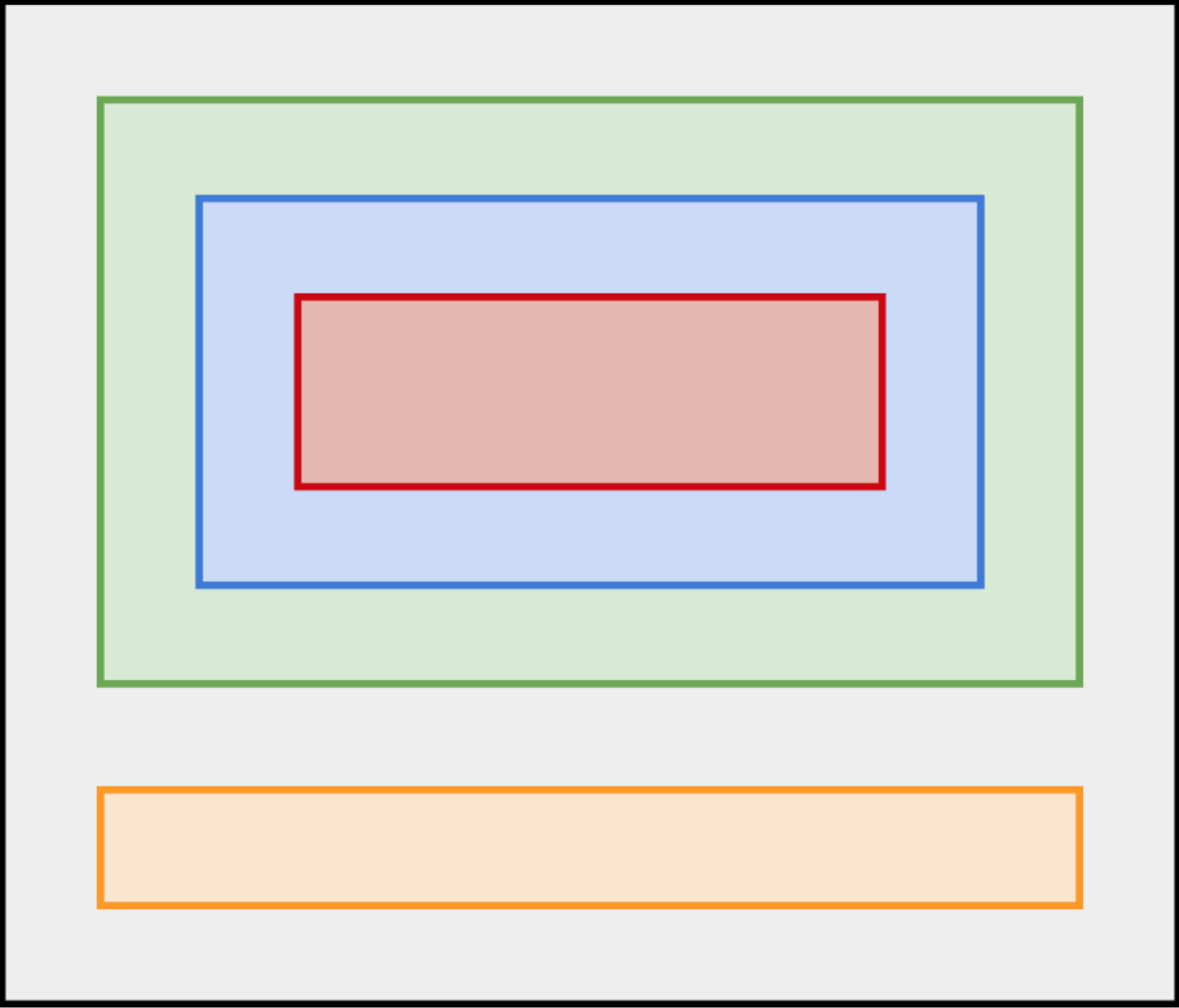
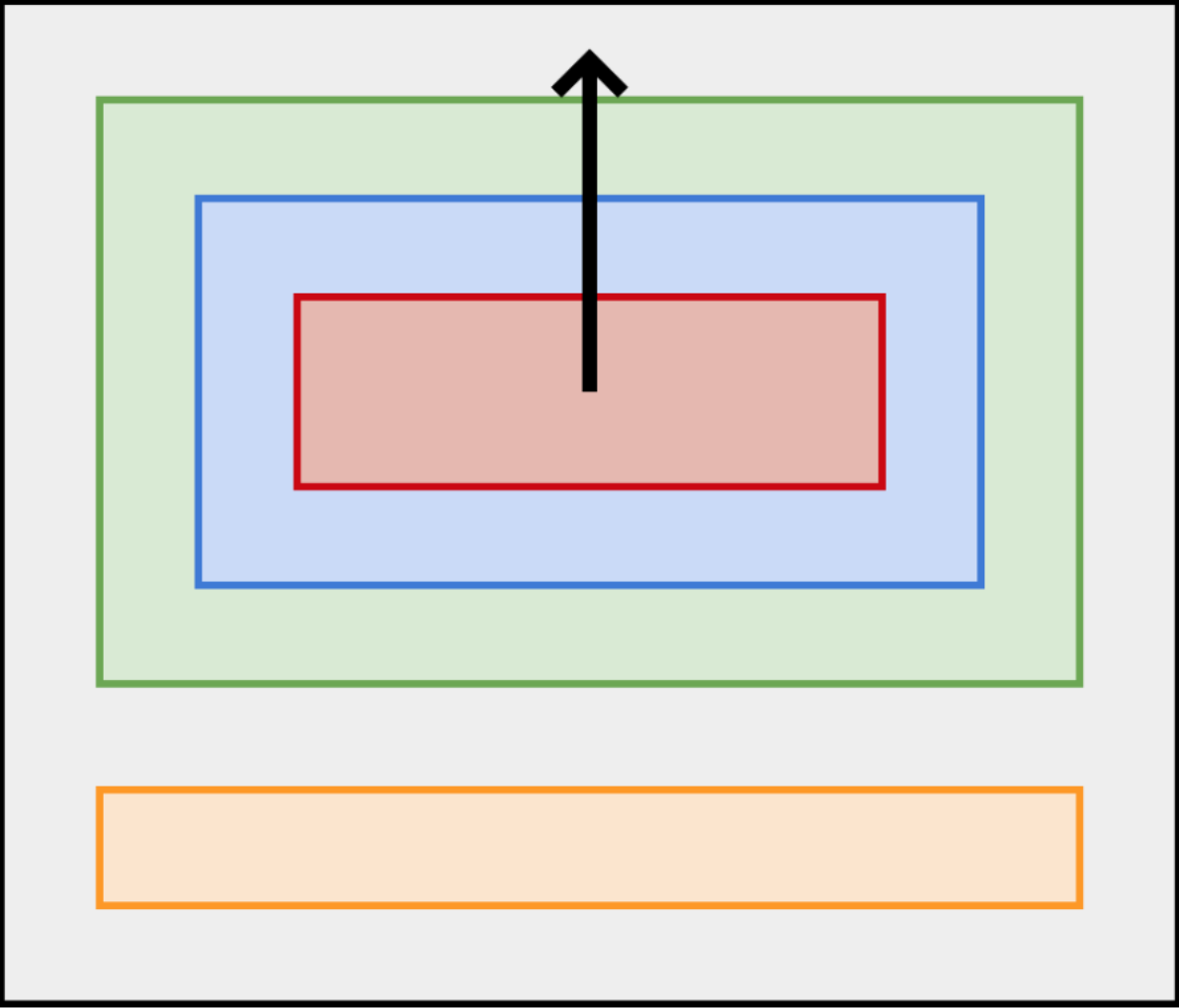


JS Scope

What is Scope?

- Scope defines everything you have access to
- Scope is like a pyramid
 - Lower scopes can access those above them, but not below
- The top level is the Global Scope
- Essentially, scoping is name resolution
 - Where can you access JavaScript identifiers in your code?





Lexical Scoping

- JavaScript uses Lexical Scoping
- Meaning scope is defined by the position in source code
 - Based on where the code is!

Function Scope

- Function Scoping is the scope that is created when a function is called
- The scope a function creates is called **Local Scope**

```
var global = "Global Scope";

function someFunction() {
  var local = "Local Scope";
}

console.log(global); // => "Global Scope"
console.log(local);  // => ReferenceError
```

Function Scope

```
var global = "Global Scope";

function someFunction() {
  var innerScope = "Inner Scope";

  function someInnerFunction() {
    var innerInnerScope = "InnerInner Scope";
    // 3. What can we access from here?
  }

  someInnerFunction();
  // 2. What can we access from here?
}

someFunction();
// 1. What can we access from here?
```

Exercise

Go through the quiz found [here](#)