CLOSURES & THE MODULE PATTERN

IMMEDIATELY INVOKED FUNCTION EXPRESSION (IIFE)

function expression

```
const countDown = function() {
  // do something
}();
```

function declaration

```
(function countDown() {
  // do something
})();
```

**function expression
with an argument**

```
const countDown = function(start) {
  // do something
}(10);
```

**function declaration
with an argument**

```
(function countDown(start) {
  // do something
})(10);
```

BUILDING A MODULE

```
const counter = function() {
    let count = 0;

    return {
        reset: function() {
            count = 0;
        },
        get: function() {
            return count;
        },
        increment: function() {
            count++;
        }
    };

}();
```

returning an object literal

from an IIFE

containing closures