

Immediately Invoked Function Expressions

- Immediately Invoked Function Expressions (IIFE) is a function that we define and invoke simultaneously

Syntax

```
(function() {  
  console.log('hello');  
})();
```

```
// With an argument  
(function(a) {  
  return a + 1;  
})(2);  
// returns 3
```

- Adds a pair of parentheses around the function expression and the parens at the end to invoke it
- The parens that wrap everything are used to make it explicit that we want to parse the function definition as an expression, and immediately invoke it
- We can omit the parens around an IIFE when the function definition is an expression that doesn't occur at the beginning of a line

Uses

- Can be helpful to prevent clashing of variable/function names