Immediately Invoked Functions Expressions (IIFEs)

An immediately-invoked function expression is a JavaScript programming language idiom which produces a lexical scope using JavaScript's function scoping.

Example of function statement

function greet(name) {

console.log('Hello ' + name);

}

greet('John');

Example of using a function expression

var greetFunc = function(name) {

console.log('Hello ' + name);

};

greetFunc('John');

Example of IIFE

var firstname = 'John';

(function(name) {

var greeting = 'Inside IIFE: Hello';

console.log(greeting + ' ' + name);

}(firstname));