

## W2D3 Quiz

CS472 WAP October 2016 – Prof. Zijlstra

1. Define the following terms:

a. Closure

→ function that binds free variables  
→ it keeps track of variables outside its own scope that it uses in its statements

b. IIFE Pattern

immediately invoke function expression  
(thereby can be used to keep the global scope clean)

c. Module Pattern

→ IIFE that returns an object  
→ this object then has public and private methods and properties

2. Explain what 'this' refers to when used in a function:

it refers to the object that the function is on. If it wasn't invoked on an object, then it defaults to window

3. Explain the difference between obtrusive and unobtrusive JavaScript:

→ obtrusive JS has JS inside HTML  
unobtrusive has no JS in HTML, all event handlers are connected in the JS itself.