17.1-Scope Hoisting

Block 1

Code block 1 would return b as equal to 5, because the variable b exists outside the scope of the function, and would show an error when trying to invoke result, since result is equal to a function and cannot be a function of it’s own.

Block 2

Code block 2 would log the variable a as equalling 10, since the original variable is in the global scope.

Block 3

Code block 3 would log two things: a number counting from 0 to 3 and an undefined variable next to the number 100. This is because the for loop counts until ‘i’ is no longer smaller than 3, and the inner console.log is told to log each increment, while the outer console.log is told use a block scoped variable.