

Wednesday, February 28

Name Solutions

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Miniquiz #12

5 Minutes

For each of the code snippets featuring closures below, specify what would be outputted to the console:

1.

```
var f = fun ( x ) {  
  var g = fun ( y ) {  
    return x;  
  }  
  return g;  
}  
print(f(2)(3));
```

Output: 2

2.

```
var g = 3;  
var f = fun ( x ) {  
  var g = fun ( y ) {  
    return x * y;  
  }  
  return g(4);  
}  
print(f(g));
```

Output: 12

3.

```
var x = 5;  
var g = fun ( y ) {  
  x += y;  
}  
var f = fun ( y ) {  
  y(5);  
  return x;  
}  
print(f(g));
```

Output: 10